



Coastal Protection and Restoration Authority
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2017 Coastal Master Plan

Attachment C3-23.2: Model Performance - Stage



Report: Version I

Date: September 2016

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Coastal Protection and Restoration Authority

This document was prepared in support of the 2017 Coastal Master Plan being prepared by the Coastal Protection and Restoration Authority (CPRA). CPRA was established by the Louisiana Legislature in response to Hurricanes Katrina and Rita through Act 8 of the First Extraordinary Session of 2005. Act 8 of the First Extraordinary Session of 2005 expanded the membership, duties, and responsibilities of CPRA and charged the new authority to develop and implement a comprehensive coastal protection plan, consisting of a master plan (revised every five years) and annual plans. CPRA's mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan.

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Table 1: Summary of Modeled and Observed Mean Daily Stage (NAVD 88 meters) for Calibration Period, 2010-2013.

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
20	CRMS1069-H01	1412	0.19	0.20	0.13	-0.29	1.04	0.18	0.18	0.16	-0.30	1.93
22	CRMS0003-H01	1461	0.19	0.20	0.13	-0.29	1.04	0.16	0.16	0.17	-0.56	1.76
23	CRMS6090-H01	1415	0.45	0.31	0.40	-0.23	1.80	0.32	0.21	0.37	-0.38	1.73
25	CRMS0035-H01	1460	0.25	0.24	0.14	-0.27	1.02	0.16	0.14	0.21	-0.43	2.10
28	CRMS1024-H01	1449	0.18	0.20	0.13	-0.28	1.04	0.05	0.04	0.17	-0.52	1.69
30	CRMS4406-H01	1461	0.22	0.23	0.13	-0.27	0.99	0.11	0.10	0.18	-0.44	1.80
32	CRMS0108-H01	1459	0.19	0.20	0.13	-0.29	1.03	0.10	0.10	0.17	-0.36	1.71
35	CRMS3784-H01	1459	0.20	0.21	0.13	-0.27	1.00	0.09	0.08	0.17	-0.30	1.50
36	CRMS0006-H01	1429	0.21	0.22	0.12	-0.17	0.96	0.21	0.18	0.16	-0.02	1.37
37	CRMS0002-H01	1459	0.20	0.21	0.13	-0.28	1.01	0.14	0.13	0.18	-0.28	1.60
42	CRMS4557-H01	1399	0.19	0.20	0.12	-0.28	0.91	0.11	0.10	0.17	-0.38	1.10
46	CRMS3650-H01	1386	0.20	0.21	0.13	-0.28	1.01	0.12	0.11	0.19	-0.47	1.71
48	CRMS4094-H01	1461	0.21	0.21	0.13	-0.28	1.03	0.24	0.23	0.21	-0.48	2.28
53	CRMS4551-H01	1322	0.19	0.20	0.12	-0.28	1.00	0.15	0.14	0.18	-0.31	2.87
56	CRMS0103-H01	1457	0.27	0.25	0.18	-0.10	1.68	0.26	0.24	0.23	-0.23	2.18
62	CRMS0161-H01	1446	0.17	0.18	0.12	-0.27	1.03	0.22	0.22	0.14	-0.24	0.87
63	8761927	1461	0.21	0.21	0.13	-0.28	1.04	0.10	0.09	0.20	-0.56	1.77
66	CRMS3641-H01	1457	0.20	0.21	0.13	-0.28	0.99	0.24	0.26	0.12	-0.14	0.68
67	07374526	1410	0.18	0.19	0.12	-0.27	0.65	0.19	0.17	0.22	-0.68	1.07
71	073745257	1290	0.21	0.22	0.10	-0.11	0.63	0.10	0.09	0.18	-0.48	1.05
72	CRMS4355-H01	1334	0.21	0.22	0.10	-0.09	0.61	0.11	0.10	0.18	-0.31	1.20
76	CRMS2627-H01	1378	0.37	0.38	0.13	0.00	1.01	0.41	0.41	0.12	0.02	1.45
77	CRMS2614-H01	1385	0.18	0.19	0.12	-0.27	1.03	0.32	0.30	0.19	-0.20	1.60
80	CRMS0030-H01	1433	0.22	0.22	0.13	-0.25	0.95	0.20	0.19	0.18	-0.16	1.26
82	07374527	1429	0.19	0.20	0.12	-0.27	1.01	0.11	0.10	0.20	-0.60	2.47
83	295124089542100	1422	0.37	0.33	0.17	0.11	0.97	0.41	0.36	0.21	-0.08	1.38
90	CRMS0153-H01	1337	0.19	0.19	0.11	-0.23	0.98	0.35	0.35	0.14	-0.14	1.45
92	CRMS4448-H01	1449	0.38	0.38	0.13	0.00	1.01	0.46	0.45	0.13	0.07	1.50
97	CRMS0046-H01	1446	0.22	0.22	0.14	-0.24	1.03	0.19	0.18	0.23	-0.35	1.96
103	CRMS0117-W01	1183	0.32	0.29	0.14	0.08	0.78	0.28	0.24	0.16	-0.02	1.87

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
105	CRMS0156-H01	1454	0.25	0.26	0.13	-0.22	0.99	0.36	0.36	0.12	-0.06	1.38
107	CRMS0121-H01	1296	0.21	0.22	0.10	-0.09	0.61	0.10	0.09	0.18	-0.47	1.14
110	CRMS0139-H01	1448	0.19	0.20	0.12	-0.26	1.03	0.26	0.26	0.16	-0.30	1.25
111	073745258	1379	0.19	0.20	0.12	-0.26	0.65	0.19	0.18	0.19	-0.69	1.22
115	CRMS2608-H01	1428	0.21	0.21	0.11	-0.18	0.87	0.35	0.34	0.14	-0.07	1.05
116	CRMS0135-H01	1381	0.21	0.21	0.11	-0.11	0.62	0.07	0.07	0.17	-0.62	1.03
120	CRMS0129-H01	1422	0.22	0.22	0.14	-0.26	1.01	0.04	0.02	0.15	-0.29	1.56
134	CRMS0115-H01	1281	0.22	0.23	0.10	-0.07	0.65	0.16	0.13	0.17	-0.20	1.22
135	CRMS0118-H01	1293	0.18	0.19	0.12	-0.26	1.02	0.27	0.26	0.13	-0.09	1.47
136	CRMS3913-H01	1426	0.21	0.22	0.13	-0.28	0.73	0.15	0.15	0.21	-0.59	1.23
152	CRMS0125-H01	1424	0.22	0.23	0.10	-0.08	0.83	0.25	0.23	0.17	0.03	2.60
155	CRMS0136-H01	1426	0.21	0.21	0.11	-0.11	0.62	0.05	0.04	0.18	-0.55	1.14
156	CRMS0159-H01	1443	0.15	0.16	0.11	-0.24	0.95	0.25	0.25	0.12	-0.13	1.05
166	CRMS0132-H01	1398	0.21	0.22	0.11	-0.09	0.83	0.14	0.13	0.20	-0.40	2.70
186	CRMS6299-H01	1373	0.23	0.23	0.11	-0.10	0.89	0.26	0.24	0.18	-0.09	1.44
191	CRMS0163-H01	1395	0.17	0.17	0.10	-0.20	0.85	0.22	0.23	0.10	-0.09	0.80
197	CRMS0173-H01	1372	0.13	0.13	0.11	-0.22	0.75	0.10	0.11	0.15	-0.39	1.48
198	CRMS0272-H01	1398	0.13	0.14	0.11	-0.21	0.77	0.11	0.12	0.14	-0.34	1.05
208	CRMS3680-H01	1425	0.15	0.15	0.10	-0.16	0.66	0.12	0.14	0.15	-0.35	1.41
215	CRMS5267-H01	1460	0.23	0.23	0.15	-0.27	1.06	0.12	0.10	0.22	-0.45	1.75
216	CRMS0260-H01	1431	0.15	0.15	0.10	-0.16	0.66	0.14	0.16	0.16	-0.38	1.75
223	CRMS0287-H01	1391	0.14	0.15	0.10	-0.18	0.67	0.27	0.26	0.12	0.07	1.78
225	CRMS0276-H01	1386	0.15	0.15	0.10	-0.15	0.61	0.24	0.24	0.13	-0.03	1.09
227	CRMS4529-H01	1383	0.13	0.14	0.11	-0.21	0.53	0.08	0.08	0.14	-0.42	0.84
231	CRMS0174-H01	1387	0.13	0.14	0.11	-0.22	0.75	0.16	0.17	0.14	-0.31	1.41
234	CRMS0263-H01	1456	0.14	0.15	0.10	-0.20	0.63	0.16	0.18	0.16	-0.33	0.99
236	CRMS0047-H01	1385	0.22	0.22	0.13	-0.24	1.02	0.24	0.23	0.21	-0.26	1.73
238	CRMS0226-H01	1261	0.13	0.14	0.10	-0.20	0.64	0.13	0.15	0.15	-0.39	0.71
239	CRMS0181-H01	1401	0.13	0.13	0.11	-0.22	0.78	0.09	0.10	0.13	-0.33	1.38
243	CRMS3169-H01	1332	0.41	0.39	0.15	0.12	1.02	0.32	0.29	0.20	-0.17	1.10
246	CRMS4103-H01	1461	0.15	0.15	0.10	-0.19	0.66	0.24	0.25	0.16	-0.23	1.73

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
247	CRMS3617-H01	1460	0.14	0.15	0.10	-0.20	0.66	0.19	0.21	0.16	-0.27	1.64
248	CRMS0188-H01	1461	0.15	0.15	0.10	-0.18	0.67	0.21	0.23	0.17	-0.31	1.10
252	CRMS0172-H01	1405	0.13	0.13	0.11	-0.22	0.75	0.16	0.16	0.12	-0.17	1.10
256	CRMS3985-H01	1359	0.14	0.15	0.10	-0.19	0.57	0.21	0.23	0.16	-0.35	1.02
258	CRMS0038-H01	1459	0.22	0.23	0.14	-0.28	1.02	0.23	0.22	0.23	-0.35	1.75
259	CRMS0251-H01	1353	0.13	0.14	0.10	-0.19	0.66	0.15	0.16	0.14	-0.15	1.04
260	CRMS0237-H01	1438	0.13	0.14	0.10	-0.21	0.66	0.15	0.16	0.15	-0.35	1.07
261	CRMS5373-H01	1461	0.23	0.23	0.14	-0.23	1.01	0.29	0.31	0.21	-0.37	1.62
264	CRMS0261-H01	1460	0.14	0.15	0.10	-0.19	0.66	0.20	0.21	0.16	-0.28	1.40
266	CRMS0176-H01	794	0.12	0.13	0.11	-0.22	0.53	0.14	0.16	0.15	-0.34	0.82
277	CRMS4245-H01	1396	0.15	0.15	0.10	-0.19	0.66	0.22	0.22	0.15	-0.24	1.61
278	CRMS0232-H01	1394	0.14	0.14	0.10	-0.20	0.55	0.14	0.15	0.15	-0.33	0.94
280	07380251	1417	0.13	0.14	0.11	-0.21	0.72	0.16	0.17	0.15	-0.81	0.86
283	CRMS0211-H01	1384	0.16	0.16	0.11	-0.18	0.72	0.30	0.31	0.16	-0.23	1.15
285	292800090060000	1413	0.15	0.15	0.10	-0.17	0.65	0.20	0.21	0.17	-0.36	1.13
286	CRMS5167-H01	1461	0.23	0.23	0.14	-0.22	1.01	0.19	0.18	0.22	-0.56	1.53
287	CRMS0278-H01	1461	0.15	0.15	0.10	-0.18	0.67	0.20	0.20	0.14	-0.09	1.15
296	07381235	1440	0.15	0.15	0.11	-0.14	0.81	0.12	0.13	0.15	-0.41	0.87
297	CRMS0268-H01	1433	0.23	0.20	0.13	-0.00	0.91	0.26	0.26	0.16	-0.24	0.85
298	CRMS0206-H01	1384	0.16	0.17	0.11	-0.18	0.75	0.20	0.21	0.17	-0.34	0.81
306	07381235	1440	0.19	0.19	0.10	-0.13	0.71	0.12	0.13	0.15	-0.41	0.87
307	CRMS0178-H01	1422	0.14	0.14	0.11	-0.20	0.63	0.09	0.09	0.14	-0.43	1.04
315	07381350	1460	0.24	0.23	0.12	-0.09	0.85	0.25	0.26	0.15	-0.25	1.01
322	CRMS0312-H01	1376	0.16	0.16	0.10	-0.13	0.64	0.16	0.17	0.16	-0.25	1.41
327	CRMS0367-H01	1461	0.25	0.23	0.13	-0.09	0.90	0.25	0.25	0.16	-0.28	1.08
329	CRMS0386-H01	1378	0.16	0.16	0.10	-0.13	0.64	0.14	0.16	0.16	-0.36	1.49
331	CRMS0175-H01	1401	0.14	0.15	0.10	-0.19	0.64	0.12	0.13	0.15	-0.45	1.13
334	07381355	1460	0.24	0.23	0.12	-0.10	0.85	0.26	0.27	0.15	-0.25	1.00
335	CRMS0397-H01	1427	0.15	0.16	0.11	-0.16	0.67	0.09	0.10	0.15	-0.35	1.24
339	CRMS0331-H01	1458	0.24	0.23	0.12	-0.10	0.85	0.28	0.29	0.15	-0.22	1.00
344	CRMS0164-H01	1437	0.14	0.15	0.10	-0.19	0.65	0.10	0.10	0.14	-0.31	1.15

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
345	CRMS0310-H01	1449	0.15	0.16	0.10	-0.16	0.73	0.11	0.12	0.15	-0.38	1.10
346	CRMS2825-H01	1433	0.16	0.17	0.11	-0.15	0.73	0.15	0.15	0.14	-0.30	0.95
350	CRMS0400-H01	1461	0.17	0.17	0.10	0.04	0.73	0.27	0.27	0.14	-0.16	1.00
353	CRMS0336-H01	1461	0.15	0.16	0.10	-0.16	0.64	0.10	0.12	0.15	-0.43	1.24
364	CRMS3296-H01	1400	0.15	0.16	0.11	-0.16	0.64	0.21	0.22	0.16	-0.42	1.22
365	07381331	1442	0.24	0.24	0.11	-0.10	0.73	0.16	0.17	0.13	-0.33	0.81
371	CRMS0318-H01	1404	0.13	0.13	0.11	-0.24	0.59	0.13	0.13	0.13	-0.25	1.05
373	CRMS0338-H01	1435	0.13	0.14	0.11	-0.24	0.60	0.10	0.11	0.15	-0.38	1.24
381	CRMS0315-H01	1412	0.16	0.16	0.10	-0.15	0.63	0.26	0.25	0.14	-0.04	1.29
383	07381343	1421	0.18	0.18	0.10	-0.12	0.67	0.25	0.26	0.15	-0.27	0.78
386	073813375	1373	0.16	0.16	0.10	-0.14	0.64	0.24	0.25	0.17	-0.36	1.26
399	CRMS0390-H01	1433	0.17	0.17	0.11	-0.11	0.70	0.19	0.20	0.15	-0.24	0.94
419	CRMS0292-H01	1461	0.13	0.13	0.11	-0.25	0.57	0.06	0.07	0.12	-0.36	0.87
439	CRMS0341-H01	1405	0.14	0.14	0.11	-0.24	0.60	0.14	0.14	0.17	-0.57	1.01
441	CRMS0403-H01	1334	0.52	0.50	0.21	0.07	1.19	0.38	0.38	0.17	-0.13	0.81
450	07381328	1437	0.20	0.20	0.11	-0.14	0.68	0.30	0.31	0.14	-0.25	1.03
467	295447091191500	1401	1.08	0.98	0.59	0.38	4.11	1.29	1.15	0.70	0.25	4.73
468	CRMS2887-H01	1456	0.39	0.38	0.15	0.09	0.99	0.35	0.35	0.14	-0.16	0.93
472	073814675	1390	0.50	0.48	0.19	0.06	1.19	0.63	0.63	0.17	0.09	1.08
480	CRMS0382-H01	1461	0.38	0.37	0.14	0.12	0.93	0.25	0.25	0.09	0.02	0.86
494	CRMS0369-H01	1459	0.16	0.16	0.11	-0.18	0.65	0.26	0.27	0.15	-0.30	1.08
497	CRMS0409-H01	1461	0.33	0.32	0.14	0.04	0.93	0.22	0.23	0.13	-0.25	0.79
508	CRMS0434-H01	1421	0.16	0.17	0.11	-0.18	0.66	0.12	0.13	0.13	-0.26	0.96
518	CRMS0296-H01	1377	0.28	0.27	0.13	-0.09	0.81	0.23	0.24	0.13	-0.24	0.84
520	CRMS0411-H01	1461	0.35	0.34	0.14	0.01	0.99	0.23	0.23	0.13	-0.24	0.78
522	07381600	1455	0.80	0.73	0.42	0.18	2.89	0.96	0.86	0.47	0.17	2.97
524	CRMS2785-H01	1371	0.35	0.34	0.15	0.00	1.02	0.27	0.27	0.15	-0.26	0.93
525	CRMS2862-H01	1439	0.39	0.37	0.16	0.02	1.10	0.34	0.34	0.17	-0.20	0.95
526	07381567	1215	1.81	1.81	0.91	0.53	4.73	2.17	2.26	0.97	0.64	5.19
527	073815450	1430	1.49	1.35	0.82	0.37	4.29	1.67	1.55	0.91	0.25	4.82
535	CRMS2881-H01	1461	0.33	0.32	0.14	-0.01	0.97	0.25	0.26	0.13	-0.23	0.80

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
539	CRMS0398-H01	1379	0.19	0.20	0.11	-0.18	0.65	0.15	0.16	0.13	-0.36	0.87
540	CRMS0395-H01	1377	0.16	0.17	0.11	-0.17	0.67	0.16	0.17	0.14	-0.32	1.02
545	8764044	1456	0.69	0.62	0.37	0.11	2.42	0.64	0.56	0.42	-0.11	2.46
550	073816503	1419	0.50	0.48	0.21	0.05	1.32	0.32	0.31	0.22	-0.23	1.35
551	CRMS0345-H01	1372	0.16	0.17	0.11	-0.19	0.65	-0.01	-0.00	0.14	-0.60	0.69
556	CRMS0327-H01	1368	0.29	0.28	0.13	-0.03	0.87	0.21	0.22	0.14	-0.48	0.77
557	CRMS0329-H01	1444	0.28	0.27	0.13	-0.02	0.90	0.23	0.23	0.14	-0.32	0.73
560	CRMS4045-H01	1282	0.22	0.23	0.11	-0.12	0.63	0.18	0.19	0.13	-0.34	0.94
561	CRMS0311-H01	1461	0.16	0.16	0.11	-0.21	0.67	0.13	0.14	0.13	-0.36	0.94
564	CRMS0354-H01	1349	0.17	0.18	0.11	-0.19	0.65	0.13	0.14	0.14	-0.43	0.91
567	CRMS0371-H01	1430	0.27	0.26	0.12	-0.04	0.80	0.17	0.18	0.13	-0.33	0.72
570	CRMS4938-H01	1457	0.62	0.59	0.30	0.12	1.94	0.45	0.41	0.29	-0.26	1.80
575	CRMS0374-H01	1460	0.14	0.15	0.11	-0.23	0.64	0.11	0.11	0.11	-0.22	0.78
578	CRMS0461-H01	1461	0.57	0.52	0.28	0.06	1.82	0.44	0.42	0.22	-0.26	1.59
583	CRMS0332-H01	1428	0.16	0.16	0.12	-0.28	0.67	0.13	0.14	0.14	-0.42	0.95
585	CRMS4455-H01	1433	0.15	0.16	0.11	-0.20	0.60	0.12	0.12	0.12	-0.18	0.67
587	CRMS5992-H01	1399	0.29	0.29	0.11	-0.07	0.68	0.35	0.36	0.17	-0.36	0.93
588	CRMS0365-H01	1453	0.25	0.24	0.13	-0.04	0.87	0.22	0.22	0.15	-0.38	0.92
591	07381670	1418	0.56	0.55	0.23	0.08	1.52	0.35	0.33	0.24	-0.44	1.29
595	CRMS6038-H01	1460	0.57	0.53	0.27	0.06	1.67	0.39	0.35	0.25	-0.12	1.57
596	CRMS0513-H01	1461	0.31	0.31	0.20	-0.43	0.98	0.43	0.44	0.09	0.24	0.87
599	CRMS0376-H01	1401	0.13	0.14	0.11	-0.26	0.61	0.12	0.12	0.14	-0.41	0.72
600	CRMS4779-H01	1382	0.59	0.58	0.24	0.13	1.54	0.52	0.48	0.21	0.22	1.62
601	CRMS0399-H01	1371	0.16	0.17	0.12	-0.28	0.67	0.14	0.15	0.13	-0.39	0.86
607	CRMS0551-H01	1461	0.31	0.31	0.12	-0.10	0.68	0.38	0.38	0.15	-0.03	1.02
609	CRMS0302-H01	1461	0.15	0.15	0.12	-0.27	0.67	0.12	0.13	0.14	-0.42	0.84
611	CRMS0463-H01	1461	0.36	0.34	0.18	-0.07	1.27	0.25	0.25	0.14	-0.13	1.05
615	CRMS0303-H01	1428	0.15	0.16	0.12	-0.28	0.68	0.11	0.12	0.16	-0.49	1.01
617	CRMS0326-H01	1401	0.16	0.16	0.12	-0.27	0.67	0.11	0.12	0.13	-0.37	0.87
619	CRMS0305-H01	1443	0.19	0.19	0.12	-0.28	0.69	0.14	0.15	0.14	-0.48	0.99
625	CRMS0377-H01	1452	0.14	0.15	0.12	-0.30	0.67	0.11	0.12	0.14	-0.42	0.89

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
628	CRMS6304-H01	1461	0.26	0.26	0.13	-0.18	0.76	0.27	0.27	0.14	-0.25	1.04
633	CRMS0544-H01	1181	0.21	0.21	0.11	-0.11	0.63	0.26	0.26	0.14	-0.14	1.09
634	CRMS0543-H01	1409	0.18	0.19	0.12	-0.30	0.62	0.22	0.22	0.14	-0.09	1.04
635	CRMS0464-H01	1389	0.21	0.21	0.12	-0.18	0.68	0.35	0.35	0.14	-0.13	1.11
655	8764227	1453	0.19	0.20	0.12	-0.28	0.68	0.16	0.17	0.15	-0.50	0.93
647	CRMS0322-H01	1460	0.17	0.18	0.12	-0.29	0.68	0.11	0.11	0.14	-0.38	0.80
674	CRMS0496-H01	1420	0.17	0.18	0.12	-0.25	0.62	0.25	0.25	0.14	-0.18	1.11
680	CRMS0309-H01	1426	0.17	0.18	0.12	-0.29	0.69	0.11	0.12	0.13	-0.42	0.76
692	CRMS0493-H01	1422	0.17	0.18	0.12	-0.25	0.61	0.21	0.21	0.16	-0.21	1.09
724	CRMS0527-H01	1208	0.17	0.17	0.12	-0.31	0.61	0.23	0.23	0.16	-0.18	1.00
728	CRMS1650-H01	1349	0.18	0.18	0.12	-0.23	0.60	0.29	0.28	0.19	-0.21	1.10
735	CRMS0522-W01	1185	0.16	0.17	0.13	-0.37	0.64	0.21	0.21	0.11	-0.09	0.79
736	CRMS0499-H01	1313	0.19	0.19	0.12	-0.13	0.61	0.22	0.22	0.15	-0.15	0.91
749	CRMS0530-W01	1385	0.14	0.15	0.14	-0.47	0.59	0.17	0.18	0.08	-0.21	0.57
752	CRMS0541-H01	1382	0.16	0.16	0.13	-0.40	0.59	0.01	0.02	0.17	-0.62	0.53
759	CRMS0618-H01	1425	0.22	0.22	0.10	-0.09	0.58	0.26	0.25	0.15	-0.18	0.81
760	CRMS0535-H01	1452	0.19	0.19	0.12	-0.14	0.59	0.27	0.28	0.16	-0.29	0.91
763	CRMS0568-H01	1461	0.23	0.23	0.11	-0.04	0.73	0.22	0.21	0.15	-0.16	0.93
764	CRMS0508-H01	1459	0.19	0.19	0.12	-0.17	0.59	0.32	0.32	0.14	-0.01	0.79
772	CRMS0501-H01	1461	0.18	0.19	0.12	-0.22	0.59	0.31	0.31	0.15	-0.30	0.85
776	CRMS1130-H01	1338	0.23	0.23	0.11	-0.04	0.73	0.22	0.22	0.15	-0.11	0.92
782	CRMS0633-H01	1327	0.18	0.19	0.12	-0.22	0.59	0.11	0.11	0.12	-0.28	0.46
785	CRMS1100-H01	1461	0.23	0.23	0.11	-0.04	0.73	0.35	0.36	0.17	-0.16	1.07
786	CRMS0632-H01	1141	0.27	0.27	0.09	0.06	0.55	0.18	0.18	0.09	-0.17	0.47
789	CRMS0574-H01	1373	0.24	0.23	0.13	-0.06	0.82	0.16	0.14	0.15	-0.09	0.89
796	CRMS0590-H01	1372	0.24	0.22	0.13	-0.07	0.87	0.26	0.24	0.17	-0.14	1.08
799	CRMS0576-H01	1408	0.28	0.27	0.09	0.06	0.60	0.33	0.33	0.09	0.04	0.64
808	CRMS0604-H01	1461	0.24	0.22	0.13	-0.07	0.83	0.22	0.21	0.16	-0.24	0.96
812	CRMS0605-H01	1283	0.25	0.23	0.13	-0.07	0.85	0.24	0.22	0.15	-0.02	0.92
814	CRMS0609-H01	1461	0.24	0.24	0.11	-0.02	0.64	0.35	0.34	0.10	0.15	0.70
815	8767961	1459	0.16	0.16	0.15	-0.34	0.95	0.08	0.09	0.17	-0.76	0.59

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
817	CRMS0584-H01	1435	0.23	0.22	0.12	-0.06	0.82	0.17	0.15	0.13	-0.16	0.76
826	CRMS0553-H01	1321	0.24	0.23	0.12	-0.06	0.84	0.27	0.26	0.15	-0.06	0.92
827	CRMS2493-H01	1358	0.24	0.22	0.13	-0.06	0.82	0.15	0.13	0.16	-0.20	0.84
831	CRMS0614-H01	1338	0.24	0.23	0.10	0.01	0.53	0.14	0.13	0.11	-0.10	0.49
852	CRMS0687-H01	1420	0.15	0.16	0.14	-0.34	0.56	0.28	0.29	0.18	-0.44	0.92
856	CRMS2418-H01	1457	0.21	0.20	0.12	-0.10	0.68	0.06	0.05	0.11	-0.14	0.43
863	CRMS0685-H01	1367	0.17	0.16	0.12	-0.15	0.56	0.26	0.26	0.14	-0.12	0.74
868	CRMS0697-H01	1432	0.18	0.18	0.15	-0.36	0.80	0.28	0.28	0.13	0.06	0.81
869	CRMS0658-H01	1450	0.20	0.19	0.12	-0.08	0.70	0.26	0.26	0.14	-0.11	0.79
874	08017118	1378	0.14	0.15	0.14	-0.33	0.57	0.32	0.33	0.16	-0.35	0.80
880	8768094	1460	0.14	0.14	0.14	-0.35	0.58	0.02	0.03	0.17	-0.70	0.54
893	CRMS0655-H01	1421	0.17	0.16	0.12	-0.12	0.64	0.31	0.31	0.12	-0.02	0.61
896	CRMS0641-H01	1388	0.20	0.19	0.12	-0.08	0.73	0.25	0.24	0.11	0.02	0.54
898	CRMS0694-H01	1329	0.21	0.20	0.12	-0.07	0.68	0.29	0.29	0.11	0.06	0.55
899	CRMS0663-H01	1445	0.20	0.19	0.12	-0.08	0.70	0.30	0.30	0.12	0.03	0.82
906	CRMS0683-H01	1369	0.21	0.20	0.12	-0.08	0.70	0.30	0.30	0.10	0.11	0.65
907	CRMS0661-H01	1433	0.21	0.20	0.12	-0.05	0.74	0.29	0.29	0.11	0.01	0.65
916	CRMS0684-H01	1455	0.17	0.17	0.15	-0.36	0.67	0.29	0.28	0.13	-0.03	0.77
926	8770570	1461	0.15	0.15	0.15	-0.46	0.66	0.26	0.27	0.16	-0.47	0.79

Table 2: Model Performance for Mean Daily Stage (NAVD 88 meters) for Calibration Period, 2010-2013.

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
20	CRMS1069-H01	1412	0.09	0.00	0.05	0.00	0.04	0.00	0.02	0.00
22	CRMS0003-H01	1461	0.09	0.03	0.05	0.03	0.04	0.03	0.03	0.03
23	CRMS6090-H01	1415	0.24	0.14	0.18	0.14	0.16	0.13	0.14	0.14
25	CRMS0035-H01	1460	0.16	0.09	0.11	0.09	0.10	0.09	0.09	0.09
28	CRMS1024-H01	1449	0.17	0.14	0.15	0.14	0.15	0.14	0.14	0.14
30	CRMS4406-H01	1461	0.16	0.12	0.14	0.12	0.13	0.12	0.12	0.12
32	CRMS0108-H01	1459	0.13	0.08	0.10	0.08	0.10	0.08	0.09	0.08
35	CRMS3784-H01	1459	0.14	0.11	0.12	0.11	0.11	0.11	0.11	0.11
36	CRMS0006-H01	1429	0.10	0.00	0.06	0.00	0.05	0.01	0.02	0.00
37	CRMS0002-H01	1459	0.11	0.06	0.09	0.06	0.08	0.06	0.07	0.06
42	CRMS4557-H01	1399	0.13	0.08	0.09	0.08	0.09	0.08	0.08	0.08
46	CRMS3650-H01	1386	0.14	0.08	0.11	0.08	0.09	0.08	0.09	0.08
48	CRMS4094-H01	1461	0.13	-0.03	0.08	-0.03	0.06	-0.03	0.04	-0.03
53	CRMS4551-H01	1322	0.13	0.04	0.08	0.04	0.07	0.04	0.05	0.04
56	CRMS0103-H01	1457	0.14	0.01	0.09	0.01	0.08	0.01	0.02	0.01
62	CRMS0161-H01	1446	0.09	-0.05	0.07	-0.05	0.07	-0.05	0.06	-0.05
63	8761927	1461	0.16	0.11	0.13	0.11	0.12	0.11	0.11	0.11
66	CRMS3641-H01	1457	0.09	-0.05	0.07	-0.05	0.06	-0.05	0.05	-0.05
67	07374526	1410	0.18	-0.01	0.15	-0.01	0.14	-0.01	0.11	-0.01
71	073745257	1290	0.17	0.11	0.14	0.12	0.13	0.11	0.12	0.11
72	CRMS4355-H01	1334	0.15	0.11	0.13	0.10	0.12	0.11	0.11	0.11
76	CRMS2627-H01	1378	0.12	-0.04	0.11	-0.04	0.11	-0.04	0.06	-0.03
77	CRMS2614-H01	1385	0.21	-0.14	0.19	-0.14	0.18	-0.15	0.16	-0.15
80	CRMS0030-H01	1433	0.12	0.01	0.07	0.01	0.05	0.01	0.03	0.01
82	07374527	1429	0.16	0.08	0.11	0.08	0.10	0.08	0.09	0.08
83	295124089542100	1422	0.13	-0.04	0.10	-0.04	0.08	-0.04	0.04	-0.04
90	CRMS0153-H01	1337	0.19	-0.16	0.18	-0.16	0.18	-0.17	0.17	-0.17
92	CRMS4448-H01	1449	0.11	-0.08	0.10	-0.08	0.10	-0.08	0.08	-0.08
97	CRMS0046-H01	1446	0.14	0.03	0.09	0.03	0.08	0.03	0.05	0.03

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
103	CRMS0117-W01	1183	0.12	0.04	0.08	0.04	0.08	0.05	0.06	0.05
105	CRMS0156-H01	1454	0.13	-0.11	0.12	-0.11	0.12	-0.11	0.11	-0.11
107	CRMS0121-H01	1296	0.17	0.11	0.13	0.11	0.12	0.10	0.11	0.11
110	CRMS0139-H01	1448	0.13	-0.07	0.10	-0.07	0.09	-0.07	0.07	-0.07
111	073745258	1379	0.15	0.00	0.09	0.00	0.08	-0.00	0.04	-0.00
115	CRMS2608-H01	1428	0.16	-0.14	0.15	-0.14	0.15	-0.14	0.14	-0.14
116	CRMS0135-H01	1381	0.18	0.14	0.15	0.14	0.14	0.14	0.14	0.13
120	CRMS0129-H01	1422	0.23	0.18	0.21	0.18	0.21	0.18	0.19	0.18
134	CRMS0115-H01	1281	0.13	0.06	0.10	0.06	0.09	0.06	0.07	0.06
135	CRMS0118-H01	1293	0.13	-0.08	0.10	-0.08	0.10	-0.08	0.08	-0.08
136	CRMS3913-H01	1426	0.14	0.06	0.10	0.06	0.09	0.06	0.07	0.06
152	CRMS0125-H01	1424	0.12	-0.03	0.09	-0.03	0.07	-0.03	0.05	-0.03
155	CRMS0136-H01	1426	0.21	0.16	0.17	0.16	0.17	0.16	0.16	0.16
156	CRMS0159-H01	1443	0.11	-0.10	0.11	-0.09	0.11	-0.10	0.10	-0.10
166	CRMS0132-H01	1398	0.16	0.08	0.11	0.08	0.10	0.08	0.08	0.08
186	CRMS6299-H01	1373	0.13	-0.03	0.09	-0.03	0.07	-0.03	0.05	-0.03
191	CRMS0163-H01	1395	0.08	-0.05	0.07	-0.05	0.07	-0.05	0.06	-0.05
197	CRMS0173-H01	1372	0.10	0.03	0.06	0.03	0.06	0.03	0.03	0.03
198	CRMS0272-H01	1398	0.08	0.03	0.05	0.03	0.05	0.03	0.03	0.03
208	CRMS3680-H01	1425	0.10	0.02	0.06	0.02	0.05	0.02	0.03	0.02
215	CRMS5267-H01	1460	0.18	0.12	0.15	0.12	0.14	0.12	0.12	0.12
216	CRMS0260-H01	1431	0.10	0.00	0.06	0.00	0.05	-0.00	0.02	0.00
223	CRMS0287-H01	1391	0.14	-0.12	0.13	-0.12	0.13	-0.12	0.12	-0.12
225	CRMS0276-H01	1386	0.12	-0.09	0.10	-0.09	0.10	-0.09	0.09	-0.09
227	CRMS4529-H01	1383	0.10	0.06	0.07	0.06	0.07	0.05	0.06	0.06
231	CRMS0174-H01	1387	0.08	-0.03	0.05	-0.03	0.04	-0.02	0.03	-0.02
234	CRMS0263-H01	1456	0.10	-0.02	0.06	-0.02	0.05	-0.02	0.02	-0.02
236	CRMS0047-H01	1385	0.13	-0.02	0.09	-0.02	0.08	-0.02	0.04	-0.02
238	CRMS0226-H01	1261	0.10	0.00	0.05	0.00	0.05	0.00	0.02	0.00
239	CRMS0181-H01	1401	0.07	0.03	0.05	0.04	0.05	0.03	0.04	0.03
243	CRMS3169-H01	1332	0.16	0.09	0.14	0.09	0.13	0.09	0.10	0.09

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
246	CRMS4103-H01	1461	0.14	-0.09	0.11	-0.09	0.11	-0.09	0.09	-0.09
247	CRMS3617-H01	1460	0.11	-0.05	0.08	-0.05	0.07	-0.05	0.06	-0.05
248	CRMS0188-H01	1461	0.12	-0.06	0.10	-0.06	0.09	-0.06	0.07	-0.06
252	CRMS0172-H01	1405	0.06	-0.03	0.04	-0.03	0.04	-0.03	0.03	-0.03
256	CRMS3985-H01	1359	0.12	-0.07	0.10	-0.07	0.09	-0.07	0.07	-0.07
258	CRMS0038-H01	1459	0.14	-0.01	0.10	-0.01	0.07	-0.01	0.04	-0.01
259	CRMS0251-H01	1353	0.09	-0.02	0.05	-0.01	0.04	-0.02	0.02	-0.02
260	CRMS0237-H01	1438	0.09	-0.02	0.05	-0.01	0.05	-0.02	0.03	-0.02
261	CRMS5373-H01	1461	0.15	-0.07	0.13	-0.07	0.11	-0.07	0.08	-0.07
264	CRMS0261-H01	1460	0.11	-0.05	0.08	-0.05	0.07	-0.05	0.05	-0.05
266	CRMS0176-H01	794	0.08	-0.02	0.05	-0.02	0.04	-0.02	0.02	-0.03
277	CRMS4245-H01	1396	0.12	-0.07	0.09	-0.07	0.09	-0.07	0.07	-0.07
278	CRMS0232-H01	1394	0.09	-0.01	0.05	-0.01	0.05	-0.01	0.02	-0.01
280	07380251	1417	0.10	-0.03	0.06	-0.03	0.06	-0.03	0.04	-0.03
283	CRMS0211-H01	1384	0.17	-0.13	0.15	-0.13	0.14	-0.13	0.14	-0.13
285	2928000900600 00	1413	0.12	-0.06	0.10	-0.06	0.09	-0.06	0.06	-0.06
286	CRMS5167-H01	1461	0.14	0.04	0.10	0.04	0.09	0.04	0.05	0.04
287	CRMS0278-H01	1461	0.10	-0.05	0.08	-0.05	0.07	-0.05	0.05	-0.05
296	07381235	1440	0.10	0.04	0.07	0.04	0.06	0.04	0.04	0.04
297	CRMS0268-H01	1433	0.13	-0.03	0.11	-0.03	0.10	-0.03	0.04	-0.03
298	CRMS0206-H01	1384	0.12	-0.03	0.11	-0.03	0.09	-0.03	0.05	-0.03
306	07381235	1440	0.11	0.07	0.09	0.07	0.09	0.07	0.08	0.07
307	CRMS0178-H01	1422	0.09	0.05	0.07	0.05	0.06	0.05	0.06	0.05
315	07381350	1460	0.09	-0.01	0.06	-0.01	0.06	-0.01	0.02	-0.01
322	CRMS0312-H01	1376	0.10	-0.00	0.06	-0.00	0.05	-0.01	0.02	-0.00
327	CRMS0367-H01	1461	0.10	-0.00	0.08	-0.00	0.07	-0.00	0.03	-0.00
329	CRMS0386-H01	1378	0.11	0.01	0.06	0.01	0.05	0.01	0.02	0.01
331	CRMS0175-H01	1401	0.09	0.02	0.05	0.02	0.04	0.02	0.03	0.02
334	07381355	1460	0.10	-0.03	0.07	-0.02	0.06	-0.03	0.03	-0.03
335	CRMS0397-H01	1427	0.11	0.06	0.08	0.06	0.08	0.06	0.07	0.06

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
339	CRMS0331-H01	1458	0.10	-0.04	0.08	-0.05	0.07	-0.04	0.05	-0.04
344	CRMS0164-H01	1437	0.08	0.04	0.06	0.04	0.06	0.04	0.05	0.04
345	CRMS0310-H01	1449	0.10	0.04	0.06	0.04	0.06	0.04	0.04	0.04
346	CRMS2825-H01	1433	0.08	0.02	0.06	0.02	0.05	0.02	0.02	0.02
350	CRMS0400-H01	1461	0.12	-0.09	0.11	-0.09	0.11	-0.09	0.10	-0.09
353	CRMS0336-H01	1461	0.11	0.05	0.07	0.05	0.07	0.05	0.05	0.05
364	CRMS3296-H01	1400	0.12	-0.05	0.07	-0.05	0.07	-0.05	0.06	-0.05
365	07381331	1442	0.11	0.08	0.09	0.08	0.09	0.08	0.08	0.08
371	CRMS0318-H01	1404	0.07	-0.00	0.04	-0.01	0.03	-0.00	0.02	-0.00
373	CRMS0338-H01	1435	0.09	0.03	0.06	0.03	0.05	0.03	0.03	0.03
381	CRMS0315-H01	1412	0.15	-0.11	0.12	-0.11	0.11	-0.11	0.11	-0.11
383	07381343	1421	0.12	-0.07	0.09	-0.07	0.09	-0.07	0.07	-0.07
386	073813375	1373	0.15	-0.09	0.11	-0.08	0.10	-0.08	0.09	-0.08
399	CRMS0390-H01	1433	0.09	-0.03	0.07	-0.02	0.06	-0.03	0.03	-0.03
419	CRMS0292-H01	1461	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
439	CRMS0341-H01	1405	0.11	-0.00	0.08	-0.00	0.07	-0.00	0.03	-0.00
441	CRMS0403-H01	1334	0.18	0.14	0.18	0.14	0.16	0.14	0.14	0.14
450	07381328	1437	0.13	-0.10	0.11	-0.10	0.11	-0.10	0.10	-0.10
467	295447091191500	1401	0.25	-0.21	0.25	-0.21	0.24	-0.21	0.21	-0.21
468	CRMS2887-H01	1456	0.09	0.04	0.08	0.04	0.08	0.04	0.06	0.04
472	073814675	1390	0.17	-0.13	0.16	-0.13	0.16	-0.13	0.14	-0.13
480	CRMS0382-H01	1461	0.18	0.14	0.18	0.14	0.18	0.14	0.14	0.14
494	CRMS0369-H01	1459	0.13	-0.10	0.11	-0.10	0.11	-0.10	0.10	-0.10
497	CRMS0409-H01	1461	0.13	0.11	0.13	0.11	0.12	0.11	0.11	0.11
508	CRMS0434-H01	1421	0.08	0.04	0.06	0.04	0.06	0.04	0.04	0.04
518	CRMS0296-H01	1377	0.09	0.04	0.08	0.04	0.07	0.04	0.05	0.04
520	CRMS0411-H01	1461	0.14	0.12	0.14	0.12	0.13	0.12	0.12	0.12
522	07381600	1455	0.19	-0.17	0.19	-0.17	0.18	-0.17	0.17	-0.17
524	CRMS2785-H01	1371	0.11	0.08	0.10	0.08	0.10	0.08	0.08	0.08
525	CRMS2862-H01	1439	0.08	0.05	0.07	0.05	0.06	0.05	0.05	0.05

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
526	07381567	1215	0.38	-0.35	0.38	-0.36	0.36	-0.33	0.36	-0.36
527	073815450	1430	0.22	-0.18	0.22	-0.18	0.22	-0.18	0.19	-0.18
535	CRMS2881-H01	1461	0.11	0.08	0.10	0.08	0.10	0.08	0.09	0.08
539	CRMS0398-H01	1379	0.08	0.04	0.06	0.04	0.06	0.04	0.04	0.04
540	CRMS0395-H01	1377	0.08	0.00	0.05	0.00	0.05	0.00	0.02	0.00
545	8764044	1456	0.10	0.05	0.08	0.05	0.08	0.05	0.05	0.05
550	073816503	1419	0.18	0.17	0.18	0.17	0.18	0.17	0.17	0.17
551	CRMS0345-H01	1372	0.19	0.17	0.17	0.17	0.17	0.17	0.17	0.17
556	CRMS0327-H01	1368	0.11	0.08	0.10	0.08	0.10	0.08	0.08	0.08
557	CRMS0329-H01	1444	0.09	0.06	0.08	0.06	0.07	0.06	0.06	0.06
560	CRMS4045-H01	1282	0.09	0.04	0.06	0.04	0.05	0.04	0.04	0.04
561	CRMS0311-H01	1461	0.06	0.02	0.04	0.02	0.04	0.02	0.03	0.02
564	CRMS0354-H01	1349	0.09	0.05	0.07	0.05	0.06	0.05	0.05	0.05
567	CRMS0371-H01	1430	0.12	0.10	0.11	0.10	0.11	0.10	0.10	0.10
570	CRMS4938-H01	1457	0.19	0.17	0.18	0.17	0.18	0.17	0.17	0.17
575	CRMS0374-H01	1460	0.06	0.03	0.04	0.03	0.04	0.03	0.04	0.03
578	CRMS0461-H01	1461	0.18	0.13	0.17	0.13	0.17	0.13	0.14	0.13
583	CRMS0332-H01	1428	0.08	0.03	0.05	0.03	0.05	0.03	0.03	0.03
585	CRMS4455-H01	1433	0.06	0.03	0.05	0.03	0.04	0.03	0.03	0.03
587	CRMS5992-H01	1399	0.13	-0.06	0.09	-0.06	0.08	-0.06	0.06	-0.06
588	CRMS0365-H01	1453	0.08	0.03	0.06	0.03	0.06	0.03	0.04	0.03
591	07381670	1418	0.23	0.21	0.21	0.21	0.21	0.21	0.21	0.21
595	CRMS6038-H01	1460	0.20	0.18	0.19	0.18	0.19	0.18	0.18	0.18
596	CRMS0513-H01	1461	0.22	-0.13	0.15	-0.12	0.15	-0.12	0.13	-0.13
599	CRMS0376-H01	1401	0.07	0.01	0.05	0.01	0.05	0.01	0.03	0.01
600	CRMS4779-H01	1382	0.13	0.08	0.11	0.07	0.11	0.07	0.09	0.08
601	CRMS0399-H01	1371	0.06	0.02	0.05	0.02	0.04	0.02	0.03	0.03
607	CRMS0551-H01	1461	0.10	-0.07	0.09	-0.07	0.09	-0.07	0.07	-0.07
609	CRMS0302-H01	1461	0.06	0.02	0.04	0.02	0.04	0.02	0.03	0.02
611	CRMS0463-H01	1461	0.17	0.11	0.16	0.11	0.15	0.11	0.11	0.11
615	CRMS0303-H01	1428	0.11	0.04	0.09	0.04	0.07	0.04	0.04	0.04

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
617	CRMS0326-H01	1401	0.07	0.04	0.06	0.04	0.06	0.04	0.05	0.04
619	CRMS0305-H01	1443	0.10	0.05	0.07	0.05	0.07	0.05	0.05	0.05
625	CRMS0377-H01	1452	0.07	0.03	0.05	0.03	0.05	0.03	0.03	0.03
628	CRMS6304-H01	1461	0.08	-0.01	0.05	-0.01	0.05	-0.01	0.04	-0.01
633	CRMS0544-H01	1181	0.10	-0.05	0.07	-0.05	0.06	-0.05	0.06	-0.05
634	CRMS0543-H01	1409	0.10	-0.04	0.07	-0.04	0.06	-0.04	0.04	-0.04
635	CRMS0464-H01	1389	0.17	-0.14	0.16	-0.14	0.16	-0.15	0.15	-0.14
655	8764227	1453	0.09	0.03	0.07	0.03	0.07	0.03	0.03	0.03
647	CRMS0322-H01	1460	0.08	0.06	0.07	0.06	0.07	0.06	0.07	0.06
674	CRMS0496-H01	1420	0.11	-0.07	0.09	-0.07	0.09	-0.08	0.08	-0.07
680	CRMS0309-H01	1426	0.08	0.06	0.07	0.06	0.07	0.06	0.07	0.06
692	CRMS0493-H01	1422	0.11	-0.03	0.07	-0.03	0.06	-0.04	0.03	-0.03
724	CRMS0527-H01	1208	0.13	-0.07	0.10	-0.07	0.09	-0.07	0.09	-0.08
728	CRMS1650-H01	1349	0.16	-0.11	0.13	-0.11	0.12	-0.11	0.11	-0.11
735	CRMS0522-W01	1185	0.10	-0.05	0.08	-0.05	0.07	-0.05	0.05	-0.05
736	CRMS0499-H01	1313	0.09	-0.03	0.06	-0.03	0.05	-0.04	0.04	-0.03
749	CRMS0530-W01	1385	0.12	-0.02	0.09	-0.02	0.08	-0.02	0.03	-0.02
752	CRMS0541-H01	1382	0.17	0.15	0.15	0.15	0.15	0.15	0.15	0.15
759	CRMS0618-H01	1425	0.12	-0.04	0.08	-0.04	0.08	-0.05	0.05	-0.05
760	CRMS0535-H01	1452	0.13	-0.08	0.10	-0.09	0.10	-0.08	0.08	-0.08
763	CRMS0568-H01	1461	0.11	0.01	0.10	0.01	0.10	0.01	0.03	0.01
764	CRMS0508-H01	1459	0.17	-0.14	0.16	-0.13	0.15	-0.14	0.15	-0.14
772	CRMS0501-H01	1461	0.15	-0.12	0.13	-0.12	0.13	-0.12	0.12	-0.12
776	CRMS1130-H01	1338	0.10	0.01	0.09	0.01	0.10	0.02	0.04	0.01
782	CRMS0633-H01	1327	0.09	0.07	0.08	0.07	0.08	0.07	0.08	0.07
785	CRMS1100-H01	1461	0.17	-0.11	0.17	-0.11	0.17	-0.11	0.12	-0.11
786	CRMS0632-H01	1141	0.13	0.09	0.13	0.09	0.14	0.11	0.12	0.10
789	CRMS0574-H01	1373	0.12	0.08	0.12	0.08	0.12	0.08	0.08	0.08
796	CRMS0590-H01	1372	0.11	-0.01	0.11	-0.01	0.10	-0.02	0.04	-0.02
799	CRMS0576-H01	1408	0.10	-0.05	0.09	-0.05	0.09	-0.05	0.05	-0.05
808	CRMS0604-H01	1461	0.11	0.02	0.11	0.02	0.10	0.02	0.03	0.02

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
812	CRMS0605-H01	1283	0.11	0.01	0.11	-0.00	0.10	0.02	0.03	0.01
814	CRMS0609-H01	1461	0.13	-0.10	0.12	-0.11	0.11	-0.10	0.11	-0.10
815	8767961	1459	0.14	0.08	0.10	0.08	0.10	0.08	0.08	0.08
817	CRMS0584-H01	1435	0.11	0.06	0.09	0.06	0.09	0.06	0.07	0.06
826	CRMS0553-H01	1321	0.12	-0.03	0.12	-0.03	0.11	-0.03	0.05	-0.03
827	CRMS2493-H01	1358	0.15	0.08	0.14	0.08	0.14	0.09	0.10	0.08
831	CRMS0614-H01	1338	0.11	0.09	0.11	0.09	0.11	0.10	0.10	0.09
852	CRMS0687-H01	1420	0.18	-0.12	0.15	-0.13	0.14	-0.12	0.13	-0.12
856	CRMS2418-H01	1457	0.17	0.16	0.17	0.16	0.17	0.16	0.16	0.16
863	CRMS0685-H01	1367	0.12	-0.09	0.10	-0.09	0.10	-0.09	0.09	-0.09
868	CRMS0697-H01	1432	0.12	-0.10	0.11	-0.10	0.11	-0.10	0.10	-0.10
869	CRMS0658-H01	1450	0.12	-0.06	0.08	-0.06	0.07	-0.06	0.06	-0.06
874	08017118	1378	0.20	-0.18	0.19	-0.18	0.19	-0.18	0.18	-0.18
880	8768094	1460	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12
893	CRMS0655-H01	1421	0.16	-0.13	0.15	-0.13	0.15	-0.13	0.14	-0.13
896	CRMS0641-H01	1388	0.08	-0.05	0.08	-0.05	0.07	-0.05	0.05	-0.05
898	CRMS0694-H01	1329	0.12	-0.08	0.11	-0.09	0.10	-0.08	0.08	-0.08
899	CRMS0663-H01	1445	0.12	-0.10	0.11	-0.10	0.10	-0.10	0.10	-0.10
906	CRMS0683-H01	1369	0.11	-0.09	0.10	-0.10	0.10	-0.09	0.10	-0.09
907	CRMS0661-H01	1433	0.10	-0.08	0.09	-0.08	0.09	-0.08	0.08	-0.08
916	CRMS0684-H01	1455	0.12	-0.11	0.12	-0.11	0.12	-0.11	0.11	-0.11
926	8770570	1461	0.13	-0.12	0.12	-0.12	0.12	-0.12	0.12	-0.12

Table 3: Summary of Modeled and Observed Mean Daily Stage (NAVD 88 meters) for Validation Period, 2006-2009.

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
20	CRMS1069-H01	779	0.20	0.20	0.14	-0.27	1.09	0.16	0.13	0.15	-0.17	1.50
22	CRMS0003-H01	792	0.21	0.20	0.15	-0.27	1.09	0.14	0.11	0.18	-0.40	1.30
23	CRMS6090-H01	832	0.45	0.30	0.41	-0.18	2.16	0.25	0.11	0.41	-0.35	2.58
25	CRMS0035-H01	837	0.26	0.24	0.17	-0.24	1.07	0.14	0.09	0.23	-0.35	1.59
28	CRMS1024-H01	646	0.23	0.22	0.14	-0.18	1.09	0.04	0.01	0.19	-0.46	1.38
30	CRMS4406-H01	762	0.23	0.22	0.14	-0.25	1.06	0.09	0.06	0.19	-0.35	1.29
32	CRMS0108-H01	646	0.20	0.20	0.14	-0.27	1.08	0.06	0.04	0.18	-0.32	1.67
35	CRMS3784-H01	705	0.23	0.22	0.14	-0.16	1.06	0.08	0.05	0.18	-0.27	1.48
36	CRMS0006-H01	588	0.25	0.23	0.13	-0.09	0.69	0.19	0.17	0.16	-0.17	0.90
37	CRMS0002-H01	807	0.23	0.21	0.15	-0.26	1.04	0.14	0.10	0.19	-0.28	1.28
42	CRMS4557-H01	709	0.22	0.22	0.14	-0.15	1.04	0.12	0.08	0.21	-0.32	1.94
46	CRMS3650-H01	789	0.21	0.21	0.14	-0.27	0.77	0.07	0.05	0.19	-0.44	1.01
48	CRMS4094-H01	449	0.25	0.24	0.15	-0.17	0.71	0.22	0.20	0.21	-0.49	0.88
53	CRMS4551-H01	682	0.24	0.23	0.14	-0.16	1.06	0.15	0.12	0.20	-0.28	1.49
56	CRMS0103-H01	800	0.28	0.25	0.18	-0.06	1.65	0.24	0.19	0.23	-0.22	1.75
62	CRMS0161-H01	865	0.20	0.19	0.14	-0.27	1.08	0.17	0.14	0.16	-0.21	1.14
63	8761927	1439	0.21	0.20	0.14	-0.26	1.01	0.06	0.03	0.20	-0.54	1.42
66	CRMS3641-H01	784	0.22	0.21	0.15	-0.26	1.05	0.22	0.22	0.14	-0.19	0.63
67	07374526	751	0.20	0.19	0.13	-0.24	0.78	0.12	0.10	0.21	-0.51	1.20
71	073745257	796	0.24	0.23	0.13	-0.05	0.93	0.10	0.07	0.22	-0.63	1.93
72	CRMS4355-H01	345	0.27	0.26	0.12	-0.03	0.62	0.13	0.11	0.18	-0.33	0.67
76	CRMS2627-H01	512	0.47	0.44	0.14	0.18	0.83	0.39	0.38	0.12	0.02	1.24
77	CRMS2614-H01	880	0.19	0.19	0.13	-0.27	0.80	0.27	0.26	0.15	-0.09	1.23
80	CRMS0030-H01	950	0.24	0.23	0.14	-0.26	0.95	0.19	0.15	0.20	-0.12	1.67
82	07374527	455	0.22	0.20	0.15	-0.23	1.05	0.37	0.33	0.24	-0.19	2.15
83	29512408954210 0	785	0.36	0.36	0.08	0.02	0.66	0.49	0.46	0.24	-0.23	1.12
90	CRMS0153-H01	734	0.22	0.21	0.12	-0.11	1.04	0.27	0.25	0.15	-0.12	1.23
92	CRMS4448-H01	673	0.46	0.44	0.13	0.18	1.08	0.45	0.45	0.16	0.09	1.39
97	CRMS0046-H01	835	0.25	0.23	0.16	-0.26	0.95	0.15	0.11	0.23	-0.38	1.41

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
103	CRMS0117-W01	775	0.31	0.30	0.09	0.02	0.81	0.32	0.29	0.18	-0.10	1.37
105	CRMS0156-H01	919	0.30	0.28	0.13	-0.06	1.05	0.29	0.28	0.14	-0.07	1.16
107	CRMS0121-H01	551	0.23	0.22	0.12	-0.03	0.61	0.11	0.08	0.17	-0.25	1.05
110	CRMS0139-H01	649	0.20	0.20	0.12	-0.24	0.59	0.24	0.22	0.15	-0.22	0.90
111	073745258	736	0.20	0.20	0.13	-0.22	0.77	0.16	0.13	0.21	-0.62	1.16
115	CRMS2608-H01	175	0.30	0.30	0.10	0.10	0.73	0.48	0.42	0.22	0.14	1.21
116	CRMS0135-H01	1234	0.21	0.21	0.11	-0.07	0.68	0.06	0.04	0.17	-0.62	1.05
120	CRMS0129-H01	934	0.23	0.22	0.14	-0.22	1.05	0.06	0.02	0.18	-0.28	1.72
134	CRMS0115-H01	267	0.30	0.29	0.09	0.11	0.62	0.21	0.20	0.17	-0.09	0.81
135	CRMS0118-H01	869	0.22	0.21	0.13	-0.17	1.08	0.21	0.17	0.18	-0.19	1.73
136	CRMS3913-H01	702	0.25	0.24	0.16	-0.13	0.94	0.12	0.08	0.23	-0.56	1.10
152	CRMS0125-H01	703	0.24	0.24	0.12	-0.03	0.85	0.28	0.24	0.20	0.02	1.82
155	CRMS0136-H01	1201	0.22	0.22	0.12	-0.07	0.91	0.06	0.03	0.22	-0.57	2.09
156	CRMS0159-H01	430	0.19	0.18	0.13	-0.19	0.75	0.19	0.18	0.13	-0.14	0.69
166	CRMS0132-H01	794	0.23	0.22	0.12	-0.04	0.85	0.14	0.11	0.20	-0.41	1.57
186	CRMS6299-H01	573	0.26	0.24	0.14	-0.06	0.77	0.24	0.20	0.21	-0.02	1.59
191	CRMS0163-H01	921	0.20	0.20	0.11	-0.07	0.95	0.18	0.18	0.12	-0.16	0.82
197	CRMS0173-H01	1303	0.15	0.14	0.12	-0.17	0.87	0.08	0.07	0.15	-0.30	1.10
198	CRMS0272-H01	793	0.15	0.14	0.12	-0.17	0.87	0.09	0.09	0.15	-0.29	1.02
208	CRMS3680-H01	702	0.18	0.18	0.12	-0.11	0.85	0.15	0.17	0.16	-0.25	1.21
215	CRMS5267-H01	162	0.37	0.36	0.14	0.13	0.82	0.22	0.25	0.18	-0.18	0.66
216	CRMS0260-H01	891	0.18	0.17	0.11	-0.11	0.85	0.17	0.18	0.16	-0.36	1.29
223	CRMS0287-H01	630	0.18	0.17	0.11	-0.10	0.78	0.28	0.27	0.13	0.07	1.42
225	CRMS0276-H01	601	0.19	0.18	0.12	-0.10	0.83	0.27	0.26	0.16	-0.03	1.45
227	CRMS4529-H01	891	0.16	0.15	0.12	-0.17	0.86	0.08	0.09	0.16	-0.33	1.11
231	CRMS0174-H01	1185	0.14	0.13	0.11	-0.17	0.86	0.13	0.13	0.15	-0.32	1.08
234	CRMS0263-H01	758	0.17	0.16	0.12	-0.14	0.84	0.16	0.17	0.17	-0.34	1.35
236	CRMS0047-H01	919	0.24	0.23	0.15	-0.26	0.95	0.22	0.18	0.21	-0.24	1.38
238	CRMS0226-H01	1117	0.15	0.15	0.11	-0.14	0.84	0.13	0.13	0.17	-0.41	1.29
239	CRMS0181-H01	803	0.15	0.14	0.11	-0.17	0.66	0.09	0.09	0.12	-0.30	0.49
243	CRMS3169-H01	658	0.48	0.48	0.04	0.28	0.72	0.51	0.49	0.23	-0.09	1.26

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
246	CRMS4103-H01	641	0.17	0.16	0.12	-0.11	0.79	0.25	0.25	0.18	-0.23	1.58
247	CRMS3617-H01	840	0.17	0.16	0.12	-0.14	0.84	0.18	0.19	0.17	-0.23	1.39
248	CRMS0188-H01	1216	0.16	0.16	0.11	-0.11	0.77	0.18	0.18	0.16	-0.33	1.22
252	CRMS0172-H01	961	0.16	0.15	0.12	-0.17	0.86	0.16	0.15	0.12	-0.15	1.15
256	CRMS3985-H01	570	0.19	0.18	0.12	-0.11	0.78	0.26	0.26	0.17	-0.23	1.32
258	CRMS0038-H01	446	0.27	0.25	0.17	-0.16	0.83	0.21	0.20	0.23	-0.34	0.76
259	CRMS0251-H01	1243	0.16	0.15	0.11	-0.12	0.83	0.15	0.13	0.14	-0.16	1.48
260	CRMS0237-H01	929	0.16	0.15	0.10	-0.12	0.47	0.16	0.16	0.14	-0.39	0.69
261	CRMS5373-H01	886	0.26	0.23	0.15	-0.13	0.93	0.25	0.24	0.21	-0.30	1.24
264	CRMS0261-H01	925	0.18	0.17	0.11	-0.11	0.80	0.23	0.22	0.16	-0.23	1.50
266	CRMS0176-H01	1146	0.14	0.14	0.11	-0.17	0.63	0.12	0.13	0.14	-0.36	0.61
277	CRMS4245-H01	531	0.20	0.18	0.10	-0.07	0.53	0.27	0.26	0.12	0.03	0.66
278	CRMS0232-H01	1207	0.15	0.15	0.11	-0.14	0.83	0.13	0.12	0.15	-0.28	1.33
280	07380251	713	0.15	0.14	0.11	-0.16	0.62	0.19	0.19	0.14	-0.33	0.62
283	CRMS0211-H01	0	-	-	-	-	-	-	-	-	-	-
285	29280009006000 0	782	0.17	0.16	0.12	-0.12	0.80	0.14	0.13	0.17	-0.38	1.30
286	CRMS5167-H01	734	0.24	0.22	0.16	-0.18	0.93	0.15	0.10	0.24	-0.54	1.10
287	CRMS0278-H01	913	0.18	0.17	0.11	-0.11	0.77	0.21	0.20	0.15	-0.11	1.25
296	07381235	795	0.18	0.17	0.12	-0.08	0.75	0.14	0.12	0.17	-0.31	1.08
297	CRMS0268-H01	1267	0.23	0.21	0.12	0.01	0.96	0.24	0.24	0.16	-0.21	0.91
298	CRMS0206-H01	0	-	-	-	-	-	-	-	-	-	-
306	07381235	795	0.22	0.21	0.12	-0.05	0.78	0.14	0.12	0.17	-0.31	1.08
307	CRMS0178-H01	982	0.17	0.16	0.11	-0.15	0.84	0.11	0.06	0.36	-0.42	5.15
315	07381350	823	0.27	0.26	0.13	-0.01	0.75	0.27	0.26	0.16	-0.17	1.11
322	CRMS0312-H01	1180	0.17	0.17	0.11	-0.08	0.71	0.14	0.14	0.16	-0.29	1.67
327	CRMS0367-H01	1187	0.25	0.24	0.12	-0.02	0.88	0.22	0.21	0.14	-0.20	0.68
329	CRMS0386-H01	1286	0.17	0.16	0.11	-0.08	0.70	0.13	0.13	0.16	-0.37	1.59
331	CRMS0175-H01	382	0.16	0.15	0.13	-0.12	0.55	0.14	0.12	0.17	-0.30	0.61
334	07381355	369	0.32	0.31	0.12	0.11	0.75	0.34	0.34	0.16	-0.04	1.15
335	CRMS0397-H01	1076	0.15	0.15	0.10	-0.11	0.54	0.06	0.07	0.14	-0.33	0.54

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
339	CRMS0331-H01	1185	0.24	0.23	0.11	-0.02	0.78	0.24	0.24	0.14	-0.15	0.64
344	CRMS0164-H01	1250	0.15	0.14	0.10	-0.12	0.59	0.07	0.06	0.13	-0.27	1.08
345	CRMS0310-H01	1042	0.16	0.15	0.11	-0.11	1.06	0.09	0.09	0.15	-0.30	1.26
346	CRMS2825-H01	621	0.19	0.19	0.12	-0.09	0.74	0.17	0.17	0.18	-0.26	1.83
350	CRMS0400-H01	1304	0.17	0.16	0.10	0.04	0.57	0.23	0.23	0.12	-0.12	0.57
353	CRMS0336-H01	1063	0.17	0.16	0.11	-0.11	0.93	0.09	0.09	0.15	-0.32	1.39
364	CRMS3296-H01	222	0.25	0.25	0.09	0.09	0.51	0.28	0.25	0.13	-0.05	0.64
365	07381331	810	0.27	0.28	0.12	-0.02	0.81	0.18	0.20	0.16	-0.23	1.07
371	CRMS0318-H01	1066	0.13	0.13	0.11	-0.19	0.65	0.12	0.12	0.14	-0.25	0.57
373	CRMS0338-H01	1155	0.15	0.14	0.12	-0.16	1.04	0.07	0.07	0.16	-0.36	1.31
381	CRMS0315-H01	1062	0.17	0.16	0.11	-0.10	0.54	0.20	0.19	0.14	-0.20	0.70
383	07381343	811	0.20	0.20	0.12	-0.05	0.75	0.23	0.22	0.17	-0.24	1.68
386	073813375	809	0.18	0.18	0.12	-0.09	0.91	0.23	0.23	0.19	-0.29	1.92
399	CRMS0390-H01	1049	0.17	0.18	0.11	-0.07	0.49	0.14	0.14	0.14	-0.24	0.62
419	CRMS0292-H01	1330	0.14	0.13	0.12	-0.20	1.03	0.03	0.03	0.13	-0.37	1.11
439	CRMS0341-H01	834	0.15	0.14	0.11	-0.19	0.65	0.11	0.11	0.15	-0.45	0.60
441	CRMS0403-H01	0	-	-	-	-	-	-	-	-	-	-
450	07381328	809	0.22	0.22	0.12	-0.07	0.62	0.30	0.30	0.15	-0.11	1.01
467	29544709119150 0	595	1.22	1.09	0.53	0.38	2.89	1.36	1.18	0.63	0.29	3.24
468	CRMS2887-H01	572	0.47	0.49	0.18	0.09	0.88	0.41	0.45	0.18	-0.02	1.17
472	073814675	519	0.53	0.51	0.22	0.07	1.11	0.65	0.58	0.25	0.14	1.28
480	CRMS0382-H01	1285	0.39	0.38	0.15	0.13	0.86	0.21	0.20	0.13	-0.07	1.32
494	CRMS0369-H01	877	0.18	0.17	0.12	-0.12	1.04	0.25	0.24	0.15	-0.20	1.46
497	CRMS0409-H01	712	0.39	0.39	0.15	0.05	0.87	0.27	0.29	0.15	-0.13	1.10
508	CRMS0434-H01	1144	0.17	0.17	0.11	-0.11	1.05	0.16	0.15	0.16	-0.32	1.71
518	CRMS0296-H01	0	-	-	-	-	-	-	-	-	-	-
520	CRMS0411-H01	656	0.43	0.42	0.16	0.07	0.89	0.28	0.30	0.16	-0.14	1.01
522	07381600	823	0.93	0.85	0.43	0.13	2.19	1.08	0.95	0.48	0.17	2.32
524	CRMS2785-H01	1119	0.38	0.36	0.15	0.02	0.91	0.24	0.22	0.16	-0.21	1.08
525	CRMS2862-H01	694	0.47	0.47	0.18	0.07	0.96	0.35	0.38	0.23	-0.40	1.08

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
526	07381567	788	1.96	1.76	0.96	0.43	4.19	2.28	2.14	1.00	0.42	4.35
527	073815450	767	1.73	1.63	0.81	0.34	3.64	1.92	1.77	0.93	0.37	3.93
535	CRMS2881-H01	672	0.40	0.39	0.16	0.05	0.95	0.28	0.29	0.17	-0.11	1.08
539	CRMS0398-H01	0	-	-	-	-	-	-	-	-	-	-
540	CRMS0395-H01	1278	0.17	0.16	0.12	-0.14	1.08	0.14	0.14	0.14	-0.27	1.49
545	8764044	1357	0.69	0.61	0.35	0.08	1.90	0.62	0.51	0.41	-0.23	4.01
550	073816503	778	0.56	0.54	0.22	0.05	1.14	0.29	0.26	0.24	-0.26	1.12
551	CRMS0345-H01	1109	0.17	0.16	0.12	-0.15	1.07	-0.04	-0.05	0.16	-0.53	1.43
556	CRMS0327-H01	913	0.33	0.32	0.14	-0.01	1.04	0.18	0.20	0.20	-0.61	1.36
557	CRMS0329-H01	674	0.33	0.32	0.15	0.01	1.08	0.23	0.24	0.16	-0.23	1.21
560	CRMS4045-H01	517	0.26	0.27	0.12	-0.04	0.84	0.21	0.21	0.16	-0.24	1.62
561	CRMS0311-H01	1297	0.17	0.16	0.12	-0.16	1.14	0.11	0.10	0.14	-0.26	1.49
564	CRMS0354-H01	1191	0.18	0.18	0.11	-0.12	0.59	0.12	0.11	0.13	-0.22	0.64
567	CRMS0371-H01	1141	0.29	0.28	0.13	-0.02	1.06	0.15	0.15	0.15	-0.26	1.37
570	CRMS4938-H01	688	0.76	0.75	0.30	0.13	1.55	0.54	0.51	0.29	-0.20	1.81
575	CRMS0374-H01	1162	0.15	0.14	0.12	-0.18	1.09	0.09	0.08	0.12	-0.20	1.53
578	CRMS0461-H01	1125	0.62	0.58	0.27	0.05	1.46	0.37	0.33	0.23	-0.19	1.80
583	CRMS0332-H01	1136	0.17	0.16	0.12	-0.20	1.18	0.12	0.12	0.16	-0.34	1.60
585	CRMS4455-H01	1253	0.16	0.15	0.12	-0.18	1.16	0.11	0.09	0.13	-0.19	1.44
587	CRMS5992-H01	676	0.32	0.33	0.13	-0.07	1.42	0.38	0.40	0.18	-0.24	1.84
588	CRMS0365-H01	595	0.30	0.29	0.14	-0.02	0.69	0.24	0.25	0.15	-0.22	0.65
591	07381670	624	0.65	0.66	0.25	0.08	1.48	0.41	0.41	0.27	-0.27	1.89
595	CRMS6038-H01	671	0.69	0.66	0.28	0.09	1.40	0.49	0.46	0.26	-0.11	1.83
596	CRMS0513-H01	1204	0.32	0.30	0.19	-0.43	1.27	0.40	0.39	0.12	0.07	1.93
599	CRMS0376-H01	1138	0.14	0.14	0.11	-0.20	0.65	0.07	0.07	0.14	-0.35	0.63
600	CRMS4779-H01	633	0.71	0.71	0.25	0.10	1.38	0.59	0.58	0.25	-0.02	1.94
601	CRMS0399-H01	1033	0.18	0.18	0.13	-0.21	1.22	0.16	0.15	0.12	-0.12	1.34
607	CRMS0551-H01	703	0.35	0.35	0.14	-0.09	1.45	0.39	0.41	0.18	-0.11	1.60
609	CRMS0302-H01	1072	0.14	0.13	0.11	-0.19	0.63	0.06	0.06	0.13	-0.38	0.66
611	CRMS0463-H01	1051	0.40	0.38	0.18	-0.11	1.39	0.23	0.22	0.16	-0.19	1.59
615	CRMS0303-H01	1229	0.16	0.15	0.12	-0.20	1.20	0.10	0.08	0.18	-0.46	1.48

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
617	CRMS0326-H01	1250	0.17	0.16	0.13	-0.20	1.20	0.11	0.10	0.15	-0.31	1.47
619	CRMS0305-H01	1041	0.20	0.19	0.12	-0.22	1.33	0.11	0.11	0.15	-0.41	1.43
625	CRMS0377-H01	896	0.16	0.16	0.13	-0.22	1.21	0.11	0.10	0.15	-0.34	1.47
628	CRMS6304-H01	155	0.36	0.37	0.10	0.15	0.71	0.33	0.33	0.11	0.12	0.69
633	CRMS0544-H01	1076	0.23	0.23	0.11	-0.10	0.64	0.21	0.21	0.18	-0.45	0.68
634	CRMS0543-H01	1121	0.20	0.19	0.13	-0.23	1.49	0.22	0.21	0.16	-0.21	1.45
635	CRMS0464-H01	1028	0.23	0.23	0.13	-0.23	1.43	0.26	0.25	0.18	-0.27	1.80
655	8764227	1405	0.19	0.19	0.13	-0.23	1.39	0.12	0.11	0.16	-0.38	1.52
647	CRMS0322-H01	1092	0.19	0.18	0.12	-0.23	1.30	0.12	0.11	0.14	-0.29	1.37
674	CRMS0496-H01	642	0.19	0.18	0.15	-0.23	1.51	0.26	0.24	0.18	-0.16	1.94
680	CRMS0309-H01	1143	0.19	0.18	0.13	-0.22	1.29	0.10	0.09	0.15	-0.30	1.30
692	CRMS0493-H01	705	0.17	0.17	0.12	-0.23	0.57	0.18	0.17	0.17	-0.43	0.86
724	CRMS0527-H01	725	0.18	0.17	0.13	-0.24	0.62	0.22	0.22	0.17	-0.34	0.77
728	CRMS1650-H01	227	0.25	0.23	0.11	0.04	0.61	0.33	0.32	0.16	-0.03	0.80
735	CRMS0522-W01	826	0.17	0.16	0.14	-0.30	1.54	0.21	0.19	0.13	0.02	1.82
736	CRMS0499-H01	753	0.22	0.22	0.12	-0.11	0.61	0.24	0.24	0.14	-0.14	0.66
749	CRMS0530-W01	599	0.21	0.19	0.12	-0.36	0.59	0.12	0.12	0.19	-0.37	0.70
752	CRMS0541-H01	509	0.17	0.18	0.14	-0.28	0.60	0.01	0.01	0.17	-0.52	0.56
759	CRMS0618-H01	1185	0.25	0.23	0.13	-0.08	1.24	0.28	0.24	0.14	0.05	1.68
760	CRMS0535-H01	561	0.20	0.20	0.13	-0.13	0.65	0.29	0.27	0.17	-0.27	0.79
763	CRMS0568-H01	603	0.26	0.23	0.15	-0.00	0.61	0.31	0.26	0.19	0.02	1.24
764	CRMS0508-H01	663	0.21	0.19	0.15	-0.14	1.35	0.33	0.31	0.18	-0.01	2.03
772	CRMS0501-H01	681	0.20	0.19	0.15	-0.22	1.35	0.32	0.31	0.19	-0.17	2.19
776	CRMS1130-H01	475	0.28	0.26	0.15	-0.00	0.61	0.27	0.23	0.16	-0.02	0.68
782	CRMS0633-H01	747	0.21	0.20	0.14	-0.22	1.35	0.14	0.12	0.16	-0.21	1.76
785	CRMS1100-H01	673	0.25	0.23	0.14	-0.02	0.61	0.37	0.35	0.17	0.07	1.21
786	CRMS0632-H01	408	0.31	0.29	0.13	0.07	0.58	0.18	0.20	0.14	-0.10	0.63
789	CRMS0574-H01	904	0.27	0.24	0.15	-0.06	0.68	0.21	0.17	0.17	-0.08	1.13
796	CRMS0590-H01	1206	0.26	0.23	0.14	-0.07	0.84	0.30	0.25	0.16	0.01	1.19
799	CRMS0576-H01	689	0.29	0.26	0.14	0.07	1.39	0.33	0.29	0.17	0.04	1.87
808	CRMS0604-H01	902	0.27	0.25	0.16	-0.06	1.34	0.27	0.23	0.18	-0.05	1.41

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
812	CRMS0605-H01	1173	0.27	0.24	0.15	-0.07	0.95	0.29	0.26	0.16	0.06	1.40
814	CRMS0609-H01	724	0.26	0.23	0.16	-0.04	1.59	0.36	0.34	0.15	0.13	1.60
815	8767961	295	0.23	0.23	0.14	-0.18	0.66	0.14	0.14	0.15	-0.50	0.58
817	CRMS0584-H01	1118	0.26	0.24	0.15	-0.07	1.28	0.21	0.18	0.16	-0.15	1.72
826	CRMS0553-H01	977	0.26	0.25	0.15	-0.11	0.97	0.32	0.30	0.18	-0.03	1.70
827	CRMS2493-H01	427	0.25	0.20	0.18	-0.07	0.61	0.19	0.16	0.17	-0.10	0.56
831	CRMS0614-H01	806	0.27	0.24	0.15	-0.00	1.89	0.18	0.14	0.15	-0.03	1.92
852	CRMS0687-H01	648	0.15	0.15	0.16	-0.32	0.65	0.30	0.29	0.16	-0.26	0.74
856	CRMS2418-H01	693	0.24	0.22	0.16	-0.16	1.02	0.11	0.09	0.15	-0.15	1.44
863	CRMS0685-H01	1145	0.20	0.19	0.15	-0.15	1.52	0.28	0.26	0.16	-0.09	1.91
868	CRMS0697-H01	610	0.21	0.21	0.21	-0.37	1.62	0.32	0.30	0.18	0.04	1.77
869	CRMS0658-H01	648	0.23	0.23	0.17	-0.11	1.31	0.31	0.29	0.19	-0.11	2.11
874	08017118	679	0.16	0.16	0.18	-0.33	1.67	0.38	0.35	0.22	-0.26	2.53
880	8768094	1405	0.15	0.14	0.16	-0.35	1.77	0.01	0.00	0.19	-0.69	2.22
893	CRMS0655-H01	653	0.21	0.20	0.14	-0.15	0.62	0.31	0.29	0.13	0.03	0.77
896	CRMS0641-H01	1303	0.22	0.21	0.14	-0.10	1.31	0.34	0.31	0.16	0.04	1.78
898	CRMS0694-H01	1046	0.24	0.21	0.15	-0.05	1.31	0.39	0.39	0.14	0.19	1.26
899	CRMS0663-H01	123	0.38	0.37	0.12	0.17	0.82	0.45	0.44	0.10	0.26	0.75
906	CRMS0683-H01	713	0.24	0.23	0.14	-0.11	0.82	0.34	0.33	0.12	0.11	0.69
907	CRMS0661-H01	570	0.20	0.19	0.14	-0.06	0.67	0.28	0.26	0.13	0.01	0.65
916	CRMS0684-H01	310	0.20	0.19	0.18	-0.25	0.83	0.37	0.35	0.19	0.07	1.47
926	8770570	1457	0.16	0.15	0.18	-0.43	2.22	0.24	0.23	0.19	-0.48	2.92

Table 4: Model Performance for Mean Daily Stage (NAVD 88 meters) for Validation Period, 2006-2009.

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
20	CRMS1069-H01	779	0.10	0.04	0.06	0.05	0.04	0.04	0.03	0.04
22	CRMS0003-H01	792	0.11	0.07	0.08	0.07	0.06	0.07	0.06	0.06
23	CRMS6090-H01	832	0.30	0.20	0.24	0.20	0.18	0.19	0.17	0.19
25	CRMS0035-H01	837	0.18	0.12	0.14	0.12	0.11	0.12	0.10	0.12
28	CRMS1024-H01	646	0.22	0.19	0.19	0.19	0.13	0.18	0.13	0.18
30	CRMS4406-H01	762	0.17	0.14	0.16	0.14	0.11	0.14	0.12	0.13
32	CRMS0108-H01	646	0.18	0.14	0.15	0.14	0.11	0.13	0.11	0.13
35	CRMS3784-H01	705	0.17	0.15	0.16	0.15	0.11	0.15	0.10	0.15
36	CRMS0006-H01	588	0.12	0.06	0.08	0.05	0.05	0.04	0.05	0.05
37	CRMS0002-H01	807	0.13	0.09	0.11	0.09	0.08	0.09	0.07	0.08
42	CRMS4557-H01	709	0.17	0.11	0.13	0.11	0.09	0.11	0.08	0.11
46	CRMS3650-H01	789	0.19	0.14	0.16	0.14	0.12	0.14	0.11	0.13
48	CRMS4094-H01	449	0.13	0.03	0.08	0.03	0.04	0.03	0.02	0.01
53	CRMS4551-H01	682	0.15	0.09	0.11	0.08	0.07	0.08	0.06	0.09
56	CRMS0103-H01	800	0.15	0.04	0.10	0.04	0.07	0.04	0.04	0.03
62	CRMS0161-H01	865	0.08	0.03	0.06	0.03	0.04	0.03	0.03	0.03
63	8761927	1439	0.19	0.15	0.17	0.15	0.17	0.15	0.16	0.15
66	CRMS3641-H01	784	0.10	-0.00	0.06	-0.00	0.04	-0.01	0.03	-0.02
67	07374526	751	0.16	0.08	0.12	0.08	0.08	0.08	0.07	0.08
71	073745257	796	0.20	0.14	0.15	0.14	0.12	0.14	0.11	0.13
72	CRMS4355-H01	345	0.17	0.14	0.16	0.14	0.07	0.14	0.07	0.14
76	CRMS2627-H01	512	0.18	0.08	0.17	0.08	0.11	0.08	0.06	0.07
77	CRMS2614-H01	880	0.12	-0.08	0.10	-0.08	0.08	-0.08	0.07	-0.08
80	CRMS0030-H01	950	0.13	0.05	0.09	0.05	0.07	0.05	0.05	0.05
82	07374527	455	0.27	-0.15	0.22	-0.15	0.12	-0.15	0.17	-0.13
83	295124089542100	785	0.27	-0.13	0.25	-0.12	0.17	-0.12	0.16	-0.17
90	CRMS0153-H01	734	0.08	-0.05	0.07	-0.06	0.05	-0.06	0.05	-0.06
92	CRMS4448-H01	673	0.17	0.01	0.16	0.01	0.11	0.01	0.04	0.01
97	CRMS0046-H01	835	0.17	0.09	0.13	0.09	0.09	0.09	0.08	0.09
103	CRMS0117-W01	775	0.16	-0.01	0.14	-0.00	0.10	-0.01	0.06	-0.02

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
105	CRMS0156-H01	919	0.09	0.01	0.08	0.01	0.06	0.01	0.02	0.01
107	CRMS0121-H01	551	0.17	0.12	0.14	0.12	0.09	0.10	0.10	0.11
110	CRMS0139-H01	649	0.12	-0.03	0.10	-0.03	0.06	-0.03	0.05	-0.03
111	073745258	736	0.17	0.04	0.11	0.04	0.08	0.03	0.04	0.03
115	CRMS2608-H01	175	0.24	-0.18	0.23	-0.18	0.08	-0.18	0.09	-0.18
116	CRMS0135-H01	1234	0.19	0.15	0.17	0.15	0.16	0.14	0.15	0.15
120	CRMS0129-H01	934	0.22	0.17	0.19	0.17	0.16	0.17	0.15	0.17
134	CRMS0115-H01	267	0.14	0.09	0.12	0.09	0.05	0.09	0.04	0.09
135	CRMS0118-H01	869	0.12	0.01	0.08	0.01	0.05	0.00	0.01	0.01
136	CRMS3913-H01	702	0.19	0.14	0.16	0.14	0.11	0.14	0.10	0.14
152	CRMS0125-H01	703	0.14	-0.03	0.11	-0.03	0.08	-0.04	0.04	-0.03
155	CRMS0136-H01	1201	0.24	0.17	0.20	0.17	0.18	0.17	0.18	0.17
156	CRMS0159-H01	430	0.03	-0.01	0.02	-0.01	0.01	-0.01	0.01	-0.01
166	CRMS0132-H01	794	0.16	0.09	0.12	0.09	0.09	0.08	0.07	0.08
186	CRMS6299-H01	573	0.13	0.02	0.09	0.03	0.06	0.04	0.02	0.02
191	CRMS0163-H01	921	0.06	0.02	0.05	0.02	0.04	0.02	0.02	0.02
197	CRMS0173-H01	1303	0.10	0.07	0.08	0.07	0.08	0.07	0.07	0.07
198	CRMS0272-H01	793	0.10	0.06	0.08	0.06	0.06	0.06	0.06	0.07
208	CRMS3680-H01	702	0.09	0.03	0.05	0.03	0.03	0.03	0.02	0.03
215	CRMS5267-H01	162	0.18	0.14	0.16	0.15	0.06	0.16	0.07	0.14
216	CRMS0260-H01	891	0.09	0.01	0.05	0.01	0.03	0.01	0.01	0.01
223	CRMS0287-H01	630	0.13	-0.10	0.12	-0.10	0.08	-0.10	0.07	-0.10
225	CRMS0276-H01	601	0.12	-0.08	0.10	-0.08	0.07	-0.09	0.06	-0.08
227	CRMS4529-H01	891	0.11	0.08	0.09	0.08	0.07	0.08	0.07	0.08
231	CRMS0174-H01	1185	0.07	0.01	0.05	0.01	0.04	0.01	0.02	0.01
234	CRMS0263-H01	758	0.10	0.01	0.06	0.01	0.04	0.01	0.02	0.02
236	CRMS0047-H01	919	0.13	0.03	0.09	0.03	0.07	0.03	0.03	0.03
238	CRMS0226-H01	1117	0.10	0.03	0.06	0.03	0.07	0.03	0.03	0.03
239	CRMS0181-H01	803	0.08	0.06	0.07	0.06	0.05	0.06	0.05	0.06
243	CRMS3169-H01	658	0.23	-0.03	0.20	-0.04	0.11	-0.03	0.03	-0.03
246	CRMS4103-H01	641	0.14	-0.08	0.11	-0.08	0.07	-0.08	0.06	-0.09

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
247	CRMS3617-H01	840	0.09	-0.01	0.06	-0.01	0.04	-0.01	0.02	-0.00
248	CRMS0188-H01	1216	0.10	-0.02	0.07	-0.02	0.05	-0.02	0.02	-0.01
252	CRMS0172-H01	961	0.05	-0.00	0.03	0.00	0.02	0.00	0.00	-0.00
256	CRMS3985-H01	570	0.12	-0.07	0.10	-0.07	0.05	-0.07	0.05	-0.07
258	CRMS0038-H01	446	0.14	0.05	0.11	0.05	0.05	0.05	0.03	0.04
259	CRMS0251-H01	1243	0.08	0.01	0.05	0.00	0.04	0.01	0.01	0.01
260	CRMS0237-H01	929	0.09	-0.00	0.06	0.00	0.05	-0.00	0.02	-0.00
261	CRMS5373-H01	886	0.14	0.01	0.11	0.01	0.07	0.01	0.03	0.00
264	CRMS0261-H01	925	0.10	-0.05	0.07	-0.05	0.05	-0.05	0.04	-0.05
266	CRMS0176-H01	1146	0.08	0.02	0.06	0.02	0.04	0.02	0.03	0.02
277	CRMS4245-H01	531	0.11	-0.07	0.09	-0.07	0.05	-0.07	0.05	-0.07
278	CRMS0232-H01	1207	0.09	0.02	0.06	0.02	0.05	0.02	0.03	0.02
280	07380251	713	0.11	-0.04	0.07	-0.05	0.06	-0.04	0.04	-0.04
283	CRMS0211-H01	0	-	-	-	-	-	-	-	-
285	292800090060000	782	0.09	0.03	0.06	0.03	0.04	0.03	0.03	0.03
286	CRMS5167-H01	734	0.17	0.09	0.14	0.09	0.10	0.09	0.08	0.08
287	CRMS0278-H01	913	0.09	-0.03	0.07	-0.03	0.05	-0.03	0.03	-0.03
296	07381235	795	0.11	0.04	0.09	0.04	0.06	0.04	0.06	0.06
297	CRMS0268-H01	1267	0.11	-0.01	0.09	-0.01	0.07	-0.01	0.03	-0.01
298	CRMS0206-H01	0	-	-	-	-	-	-	-	-
306	07381235	795	0.13	0.08	0.11	0.08	0.08	0.08	0.08	0.09
307	CRMS0178-H01	982	0.32	0.06	0.25	0.06	0.17	0.06	0.06	0.06
315	07381350	823	0.09	0.00	0.06	0.00	0.04	0.00	0.02	0.01
322	CRMS0312-H01	1180	0.11	0.03	0.08	0.02	0.06	0.03	0.03	0.03
327	CRMS0367-H01	1187	0.10	0.03	0.07	0.03	0.06	0.03	0.04	0.04
329	CRMS0386-H01	1286	0.12	0.04	0.09	0.04	0.07	0.04	0.04	0.04
331	CRMS0175-H01	382	0.10	0.02	0.06	0.02	0.02	0.03	0.02	0.03
334	07381355	369	0.09	-0.02	0.07	-0.02	0.03	-0.01	0.02	-0.01
335	CRMS0397-H01	1076	0.13	0.09	0.11	0.09	0.10	0.09	0.09	0.09
339	CRMS0331-H01	1185	0.09	-0.00	0.06	-0.00	0.05	-0.00	0.01	-0.00
344	CRMS0164-H01	1250	0.10	0.08	0.09	0.08	0.08	0.08	0.08	0.08

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
345	CRMS0310-H01	1042	0.11	0.07	0.08	0.07	0.07	0.07	0.08	0.08
346	CRMS2825-H01	621	0.12	0.02	0.09	0.02	0.05	0.02	0.02	0.02
350	CRMS0400-H01	1304	0.09	-0.06	0.08	-0.06	0.07	-0.06	0.06	-0.06
353	CRMS0336-H01	1063	0.12	0.08	0.10	0.08	0.08	0.08	0.09	0.09
364	CRMS3296-H01	222	0.09	-0.02	0.06	-0.03	0.02	-0.02	0.01	-0.02
365	07381331	810	0.12	0.09	0.11	0.09	0.08	0.09	0.09	0.10
371	CRMS0318-H01	1066	0.12	0.01	0.10	0.01	0.10	0.02	0.05	0.02
373	CRMS0338-H01	1155	0.11	0.07	0.09	0.07	0.08	0.07	0.08	0.08
381	CRMS0315-H01	1062	0.11	-0.03	0.07	-0.02	0.05	-0.02	0.03	-0.02
383	07381343	811	0.12	-0.02	0.08	-0.03	0.04	-0.03	0.02	-0.02
386	073813375	809	0.14	-0.05	0.09	-0.05	0.06	-0.05	0.04	-0.03
399	CRMS0390-H01	1049	0.10	0.04	0.08	0.04	0.06	0.04	0.04	0.04
419	CRMS0292-H01	1330	0.13	0.11	0.12	0.11	0.11	0.11	0.11	0.11
439	CRMS0341-H01	834	0.09	0.04	0.06	0.04	0.04	0.04	0.04	0.04
441	CRMS0403-H01	0	-	-	-	-	-	-	-	-
450	07381328	809	0.11	-0.08	0.10	-0.08	0.07	-0.08	0.06	-0.07
467	295447091191500	595	0.20	-0.15	0.19	-0.14	0.12	-0.15	0.11	-0.11
468	CRMS2887-H01	572	0.09	0.07	0.08	0.07	0.05	0.07	0.05	0.07
472	073814675	519	0.15	-0.12	0.14	-0.11	0.08	-0.11	0.08	-0.09
480	CRMS0382-H01	1285	0.21	0.19	0.21	0.19	0.19	0.19	0.18	0.18
494	CRMS0369-H01	877	0.11	-0.07	0.09	-0.07	0.07	-0.07	0.06	-0.07
497	CRMS0409-H01	712	0.13	0.12	0.13	0.12	0.09	0.12	0.08	0.12
508	CRMS0434-H01	1144	0.12	0.01	0.12	0.00	0.12	0.00	0.02	0.01
518	CRMS0296-H01	0	-	-	-	-	-	-	-	-
520	CRMS0411-H01	656	0.16	0.15	0.16	0.15	0.11	0.15	0.11	0.15
522	07381600	823	0.18	-0.15	0.18	-0.15	0.13	-0.15	0.12	-0.14
524	CRMS2785-H01	1119	0.15	0.14	0.15	0.14	0.13	0.14	0.15	0.15
525	CRMS2862-H01	694	0.16	0.12	0.16	0.12	0.11	0.12	0.09	0.12
526	07381567	788	0.36	-0.33	0.35	-0.32	0.26	-0.32	0.26	-0.27
527	073815450	767	0.24	-0.19	0.23	-0.19	0.18	-0.19	0.15	-0.16
535	CRMS2881-H01	672	0.13	0.12	0.13	0.12	0.09	0.12	0.08	0.12

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
539	CRMS0398-H01	0	-	-	-	-	-	-	-	-
540	CRMS0395-H01	1278	0.07	0.03	0.06	0.03	0.05	0.03	0.03	0.03
545	8764044	1357	0.18	0.07	0.37	0.04	0.51	-0.00	0.08	0.07
550	073816503	778	0.27	0.27	0.27	0.27	0.20	0.26	0.24	0.27
551	CRMS0345-H01	1109	0.23	0.21	0.22	0.21	0.19	0.21	0.22	0.22
556	CRMS0327-H01	913	0.20	0.15	0.19	0.15	0.15	0.15	0.13	0.14
557	CRMS0329-H01	674	0.12	0.10	0.12	0.11	0.08	0.11	0.07	0.10
560	CRMS4045-H01	517	0.10	0.05	0.07	0.05	0.04	0.05	0.04	0.05
561	CRMS0311-H01	1297	0.09	0.06	0.07	0.06	0.07	0.06	0.06	0.06
564	CRMS0354-H01	1191	0.10	0.07	0.08	0.07	0.07	0.06	0.07	0.06
567	CRMS0371-H01	1141	0.16	0.14	0.15	0.14	0.13	0.14	0.15	0.15
570	CRMS4938-H01	688	0.24	0.22	0.23	0.22	0.16	0.22	0.16	0.22
575	CRMS0374-H01	1162	0.09	0.05	0.07	0.05	0.06	0.06	0.05	0.05
578	CRMS0461-H01	1125	0.28	0.25	0.27	0.25	0.24	0.25	0.26	0.26
583	CRMS0332-H01	1136	0.10	0.05	0.08	0.05	0.07	0.05	0.06	0.05
585	CRMS4455-H01	1253	0.08	0.05	0.07	0.05	0.06	0.05	0.05	0.05
587	CRMS5992-H01	676	0.11	-0.06	0.08	-0.06	0.05	-0.06	0.04	-0.06
588	CRMS0365-H01	595	0.09	0.06	0.08	0.06	0.05	0.06	0.04	0.06
591	07381670	624	0.25	0.24	0.24	0.24	0.17	0.24	0.21	0.24
595	CRMS6038-H01	671	0.21	0.20	0.20	0.20	0.14	0.20	0.14	0.20
596	CRMS0513-H01	1204	0.16	-0.07	0.12	-0.08	0.10	-0.07	0.08	-0.08
599	CRMS0376-H01	1138	0.09	0.07	0.08	0.07	0.08	0.07	0.07	0.07
600	CRMS4779-H01	633	0.15	0.13	0.14	0.13	0.10	0.13	0.09	0.13
601	CRMS0399-H01	1033	0.08	0.02	0.05	0.02	0.04	0.02	0.02	0.02
607	CRMS0551-H01	703	0.09	-0.04	0.08	-0.04	0.05	-0.04	0.04	-0.05
609	CRMS0302-H01	1072	0.11	0.08	0.09	0.08	0.08	0.07	0.08	0.07
611	CRMS0463-H01	1051	0.21	0.17	0.20	0.18	0.17	0.17	0.17	0.17
615	CRMS0303-H01	1229	0.14	0.07	0.11	0.07	0.10	0.07	0.08	0.07
617	CRMS0326-H01	1250	0.10	0.06	0.08	0.06	0.07	0.06	0.06	0.06
619	CRMS0305-H01	1041	0.12	0.09	0.11	0.08	0.09	0.08	0.10	0.09
625	CRMS0377-H01	896	0.10	0.05	0.07	0.05	0.05	0.05	0.05	0.05

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
628	CRMS6304-H01	155	0.06	0.03	0.04	0.03	0.01	0.02	0.02	0.03
633	CRMS0544-H01	1076	0.12	0.02	0.07	0.02	0.06	0.02	0.06	0.04
634	CRMS0543-H01	1121	0.09	-0.02	0.06	-0.02	0.05	-0.02	0.04	-0.02
635	CRMS0464-H01	1028	0.11	-0.03	0.10	-0.03	0.09	-0.03	0.05	-0.01
655	8764227	1405	0.11	0.08	0.10	0.08	0.09	0.08	0.08	0.08
647	CRMS0322-H01	1092	0.10	0.07	0.09	0.07	0.08	0.07	0.07	0.07
674	CRMS0496-H01	642	0.11	-0.07	0.08	-0.06	0.05	-0.07	0.05	-0.07
680	CRMS0309-H01	1143	0.13	0.09	0.11	0.09	0.10	0.09	0.09	0.09
692	CRMS0493-H01	705	0.11	-0.01	0.07	-0.01	0.04	-0.01	0.04	0.01
724	CRMS0527-H01	725	0.13	-0.04	0.08	-0.04	0.06	-0.05	0.04	-0.04
728	CRMS1650-H01	227	0.14	-0.09	0.10	-0.09	0.04	-0.09	0.04	-0.09
735	CRMS0522-W01	826	0.10	-0.05	0.07	-0.05	0.05	-0.04	0.04	-0.04
736	CRMS0499-H01	753	0.06	-0.02	0.04	-0.02	0.02	-0.02	0.02	-0.02
749	CRMS0530-W01	599	0.22	0.09	0.21	0.08	0.13	0.08	0.13	0.09
752	CRMS0541-H01	509	0.19	0.17	0.17	0.17	0.11	0.17	0.12	0.17
759	CRMS0618-H01	1185	0.11	-0.03	0.09	-0.03	0.10	-0.04	0.04	-0.02
760	CRMS0535-H01	561	0.13	-0.08	0.10	-0.09	0.06	-0.08	0.06	-0.08
763	CRMS0568-H01	603	0.10	-0.04	0.09	-0.04	0.05	-0.04	0.03	-0.04
764	CRMS0508-H01	663	0.16	-0.12	0.14	-0.12	0.10	-0.12	0.09	-0.12
772	CRMS0501-H01	681	0.15	-0.12	0.13	-0.12	0.09	-0.12	0.08	-0.12
776	CRMS1130-H01	475	0.06	0.01	0.06	0.00	0.03	0.01	0.01	0.01
782	CRMS0633-H01	747	0.12	0.08	0.11	0.08	0.08	0.08	0.07	0.08
785	CRMS1100-H01	673	0.15	-0.13	0.15	-0.13	0.11	-0.13	0.09	-0.13
786	CRMS0632-H01	408	0.16	0.13	0.15	0.13	0.09	0.13	0.10	0.11
789	CRMS0574-H01	904	0.10	0.06	0.09	0.06	0.07	0.06	0.06	0.06
796	CRMS0590-H01	1206	0.09	-0.04	0.08	-0.04	0.07	-0.04	0.05	-0.03
799	CRMS0576-H01	689	0.09	-0.04	0.07	-0.04	0.04	-0.04	0.03	-0.04
808	CRMS0604-H01	902	0.08	-0.00	0.07	-0.00	0.05	-0.00	0.02	0.00
812	CRMS0605-H01	1173	0.09	-0.01	0.09	-0.01	0.08	-0.01	0.03	-0.01
814	CRMS0609-H01	724	0.13	-0.10	0.12	-0.10	0.08	-0.10	0.08	-0.09
815	8767961	295	0.14	0.09	0.10	0.09	0.05	0.09	0.04	0.09

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
817	CRMS0584-H01	1118	0.10	0.06	0.08	0.06	0.07	0.06	0.07	0.07
826	CRMS0553-H01	977	0.13	-0.05	0.12	-0.06	0.09	-0.06	0.05	-0.05
827	CRMS2493-H01	427	0.09	0.06	0.08	0.05	0.04	0.05	0.03	0.03
831	CRMS0614-H01	806	0.13	0.09	0.13	0.09	0.10	0.09	0.11	0.11
852	CRMS0687-H01	648	0.18	-0.15	0.16	-0.15	0.11	-0.14	0.13	-0.15
856	CRMS2418-H01	693	0.16	0.14	0.15	0.13	0.10	0.13	0.11	0.13
863	CRMS0685-H01	1145	0.12	-0.08	0.09	-0.08	0.09	-0.08	0.08	-0.08
868	CRMS0697-H01	610	0.13	-0.10	0.12	-0.11	0.08	-0.11	0.07	-0.10
869	CRMS0658-H01	648	0.14	-0.07	0.10	-0.07	0.06	-0.07	0.05	-0.07
874	08017118	679	0.26	-0.22	0.24	-0.21	0.18	-0.21	0.18	-0.21
880	8768094	1405	0.18	0.14	0.15	0.14	0.15	0.15	0.14	0.14
893	CRMS0655-H01	653	0.12	-0.10	0.12	-0.10	0.09	-0.10	0.09	-0.10
896	CRMS0641-H01	1303	0.20	-0.12	0.19	-0.12	0.17	-0.12	0.13	-0.12
898	CRMS0694-H01	1046	0.21	-0.16	0.20	-0.16	0.18	-0.16	0.16	-0.16
899	CRMS0663-H01	123	0.09	-0.06	0.09	-0.07	0.03	-0.07	0.03	-0.06
906	CRMS0683-H01	713	0.12	-0.10	0.13	-0.11	0.10	-0.10	0.09	-0.10
907	CRMS0661-H01	570	0.12	-0.09	0.12	-0.09	0.08	-0.09	0.07	-0.07
916	CRMS0684-H01	310	0.26	-0.18	0.25	-0.19	0.12	-0.19	0.09	-0.18
926	8770570	1457	0.10	-0.08	0.08	-0.08	0.08	-0.08	0.08	-0.08

Table 5: Locations Removed from Aggregated Performance Statistics Due to Unreliable, or Repeated Data.

ICM Compartment	Station	Reason station was removed from aggregated performance statistics
51	CRMS4107-H01	Signal mismatch
87	CRMS2634-H01	Main Pass (Stem) possible datum issue
108	CRMS0128-H01	Possible datum issue
148	CRMS0148-H01	Black Bay (Breton) possible datum issue
203	CRMS0056-H01	W Lake Pontch signal mismatch
210	CRMS0234-H01	N Bayou Barataria (Barataria) signal mismatch
236	CRMS5255-H01	Multiple stations
273	8760922	Possible datum issue
334	CRMS2939-W01	Limited measured Data
337	7381000	Possible datum issue
251	CRMS0219-W01	Lake Cataouatche (interior marsh) signal mismatch
289	73802512	Hackberry Bay (Mid Barataria) possible datum issue
341	7380401	Station is located in Bayou Lafourche near the Mississippi River where the bed elevation is much higher than the average bed elevation for this very elongated Compartment
364	CRMS3296-W01	No Observed Data
369	CRMS5536-H01	Possible datum issue - upper basin
369	CRMS5536-W01	Possible datum issue - upper basin
371	CRMS0337-H01	Multiple stations
374	7381450	Possible datum issue - upper basin
378	CRMS0414-H01	Signal mismatch
378	CRMS5770-W01	Possible datum issue - unreliable well station
378	CRMS0414-H01	
404	CRMS0385-H01	Possible datum issue or unknown protected area operations
404	CRMS0385-W01	Possible datum issue or unknown protected area operations

409	CRMS0324-H01	Possible datum issue
409	CRMS0324-H01	Possible datum issue
418	73815963	No Observed Data
427	7381454	No Observed Data
439	CRMS0355-W01	Multiple stations in Compartment -limited measured Data
441	CRMS0403-W01	Possible datum issue - limited measured Data
462	7381324	Possible datum issue - USGS station 07381328 is not far from this station and compares well with the model Data
477	3.01E+14	No Observed Data
480	CRMS0381-H01	Station located in marsh and not well connected to water - high water levels during 2011 flood in the modeled Data because model was not able to simulate the closure of Bayou Chene
482	2.95E+14	Station gage datum is assumed
488	CRMS5035-H01	Possible datum issue - high water levels during 2011 flood in the modeled Data because model was not able to simulate the closure of Bayou Chene
489	3E+14	Possible datum issue - located in a large Compartment in upper Atchafalaya Basin
489	3.01E+14	No Observed Data
497	2.93E+14	No Observed Data
515	2.95E+14	Station gage not referenced to datum
536	CRMS0294-H01	Possible datum issue
536	CRMS0294-H01	Possible datum issue
539	CRMS0398-W01	Limited measured Data
545	CRMS4900-H01	Located in the marsh - multiple stations in Compartment
551	CRMS0345-H01	Possible datum issue
551	CRMS0347-H01	Possible datum issue
562	73815945	No Observed Data
562	7385820	No Observed Data

563	73816202	Possible datum issue
563	73816202	Possible datum issue
570	CRMS4938-H01	Possible datum issue
570	CRMS5003-H01	Possible datum issue
570	CRMS4938-H01	Possible datum issue
574	CRMS6042-H01	Possible datum issue
574	CRMS6042-W01	Limited measured Data
574	CRMS6042-H01	Possible datum issue
576	73816501	Station gage datum is assumed
584	CRMS0301-H01	
585	7381349	Station gage datum is assumed
587	CRMS5992-H01	
590	CRMS4014-H01	Possible datum issue
590	CRMS4014-H01	Possible datum issue
591	7381670	Possible datum issue
595	CRMS0482-H01	Possible datum issue
596	CRMS0542-W01	No Observed Data
596	CRMS0513-H01	Signal mismatch - possible control missing
599	73813498	Station gage datum is assumed
604	CRMS2568-H01	Possible datum issue
604	CRMS4016-H01	Possible datum issue
618	2.93E+14	No Observed Data
618	CRMS0465-H01	Possible datum issue
621	CRMS6008-H01	Possible datum issue
635	CRMS0464-H01	Possible datum issue
636	CRMS0545-H01	Lots of scatter in Observed Data
637	CRMS0547-H01	Lots of scatter in Observed Data

643	73815925	No Observed Data
654	CRMS0479-H01	Possible datum issue
658	CRMS0550-H01	Lots of scatter in Observed Data
678	CRMS0514-H01	Lots of scatter in Observed Data
718	CRMS0549-H01	Lots of scatter in Observed Data
718	CRMS0532-H01	Lots of scatter in Observed Data
723	CRMS0531-H01	Lots of scatter in Observed Data
727	7387040	Lots of scatter in Observed Data
736	CRMS0523-H01	Multiple stations
738	CRMS0552-H01	Lots of scatter in Observed Data
742	CRMS0529-H01	Signal mismatch - possible control missing
744	CRMS0498-H01	Signal mismatch - possible control missing
746	7387050	Possible datum issue
747	CRMS2041-H01	Lots of scatter in Observed Data
753	CRMS0567-H01	Signal mismatch - possible control missing
755	CRMS0572-H01	Signal mismatch - possible control missing
758	CRMS0619-H01	Signal mismatch - possible control missing
762	CRMS0570-H01	Signal mismatch - possible control missing
767	CRMS0571-H01	Signal mismatch - possible control missing
771	CRMS1277-H01	Signal mismatch - possible control missing
773	CRMS0593-H01	Signal mismatch - possible control missing
774	CRMS0560-H01	Signal mismatch - possible control missing
775	CRMS0557-H01	Signal mismatch - possible control missing
785	CRMS1100-H01	Signal mismatch - possible control missing
788	CRMS0556-H01	Signal mismatch - possible control missing
799	CRMS1965-H01	Possible datum issue
801	CRMS0626-H01	Possible datum issue

816	CRMS0599-H01	Lots of Data gaps
818	CRMS0581-H01	Possible datum issue
824	CRMS0615-H01	Possible datum issue
826	CRMS1409-H01	Signal mismatch - possible control missing
827	CRMS0587-H01	Lots of Data gaps
837	8017095	Possible datum issue
844	CRMS1743-H01	Data issue at start of Period
849	CRMS6302-H01	Lots of Data gaps
866	CRMS6301-H01	Possible datum issue
879	CRMS0651-H01	Possible datum issue
896	CRMS0638-H01	Multiple stations
896	CRMS1205-H01	Possible datum issue
901	CRMS1858-H01	Signal mismatch - possible control missing
906	CRMS2154-H01	Greens Lake multiple stations
909	CRMS2189-H01	Signal mismatch - possible control missing

Table 6: Summary of Modeled and OObserved Mean Daily Stage (NAVD 88 meters) for CCalibration PPeriod, 2010-2013 for Sites Excluded from Aggregated Model Statistics.

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
51	CRMS4107-H01	1461	0.20	0.21	0.12	-0.24	0.98	0.01	0.01	0.17	-0.48	0.47
87	CRMS2634-H01	1461	0.26	0.27	0.12	-0.20	1.02	0.49	0.49	0.12	0.10	1.27
108	CRMS0128-H01	802	0.37	0.32	0.18	0.09	0.85	0.24	0.16	0.19	-0.01	1.26
148	CRMS0148-H01	1461	0.20	0.21	0.12	-0.23	1.00	-0.01	-0.02	0.19	-0.57	2.14
203	CRMS0056-H01	1432	0.23	0.23	0.12	-0.06	0.98	0.33	0.31	0.13	0.03	2.02
210	CRMS0234-H01	1276	0.15	0.15	0.10	-0.18	0.63	0.39	0.40	0.09	0.21	1.12
236	CRMS5255-H01	1427	0.22	0.22	0.14	-0.24	1.02	0.20	0.19	0.21	-0.32	1.76
273	8760922	1461	0.16	0.16	0.11	-0.22	0.92	-0.01	-0.01	0.12	-0.42	0.80
334	CRMS2939-W01	279	0.27	0.27	0.12	0.04	0.75	0.36	0.36	0.13	0.11	0.78
337	07381000	1358	0.34	0.32	0.13	0.07	1.08	1.29	1.28	0.13	0.80	2.18
251	CRMS0219-W01	1177	0.15	0.16	0.11	-0.18	0.68	0.28	0.27	0.10	0.06	1.08
289	073802512	1393	0.14	0.14	0.10	-0.20	0.66	0.45	0.46	0.16	-0.67	1.09
341	07380401	1444	0.47	0.45	0.17	0.09	1.40	2.45	2.43	0.12	2.20	3.24
364	CRMS3296-W01	0	-	-	-	-	-	-	-	-	-	-
369	CRMS5536-H01	1385	0.64	0.63	0.23	0.21	1.29	0.14	0.14	0.18	-0.44	0.57
369	CRMS5536-H01	1385	0.64	0.63	0.23	0.21	1.29	0.14	0.14	0.18	-0.44	0.57
371	CRMS0337-	1439	0.13	0.13	0.11	-0.24	0.59	0.08	0.09	0.15	-0.38	1.45

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
	H01											
374	07381450	1444	1.25	1.22	0.64	0.28	3.63	1.85	1.76	0.34	1.31	3.05
378	CRMS0414-H01	1320	0.55	0.51	0.20	0.21	1.09	0.54	0.54	0.09	0.20	0.84
378	CRMS0414-H01	1320	0.55	0.51	0.20	0.21	1.09	0.54	0.54	0.09	0.20	0.84
378	CRMS0414-H01	1320	0.55	0.51	0.20	0.21	1.09	0.54	0.54	0.09	0.20	0.84
404	CRMS0385-H01	424	0.56	0.57	0.05	0.47	0.70	0.18	0.18	0.04	0.08	0.37
404	CRMS0385-H01	424	0.56	0.57	0.05	0.47	0.70	0.18	0.18	0.04	0.08	0.37
409	CRMS0324-H01	1458	0.81	0.84	0.31	0.22	2.06	0.46	0.45	0.19	-0.09	0.94
409	CRMS0324-H01	1458	0.81	0.84	0.31	0.22	2.06	0.46	0.45	0.19	-0.09	0.94
418	073815963	0	-	-	-	-	-	-	-	-	-	-
427	07381454	0	-	-	-	-	-	-	-	-	-	-
439	CRMS0355-W01	285	0.15	0.15	0.12	-0.11	0.49	0.28	0.28	0.10	0.05	0.68
441	CRMS0403-W01	284	0.60	0.60	0.11	0.36	0.84	-0.06	-0.06	0.10	-0.28	0.19
462	07381324	1424	0.17	0.17	0.10	-0.12	0.65	0.45	0.46	0.14	-0.03	1.10
477	300713091362400	0	-	-	-	-	-	-	-	-	-	-
480	CRMS0381-H01	1427	0.38	0.37	0.14	0.12	0.93	0.24	0.25	0.08	0.09	0.78
482	294736091164200	1149	0.86	0.66	0.54	0.26	3.63	1.29	1.02	0.66	0.40	4.35
488	CRMS5035-H01	1373	0.48	0.47	0.19	0.09	1.17	0.37	0.37	0.15	-0.08	0.73

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
489	300312091320000	1341	1.91	1.80	1.02	0.53	5.20	2.70	2.50	0.92	1.63	6.05
489	300312091320000	1341	1.91	1.80	1.02	0.53	5.20	2.70	2.50	0.92	1.63	6.05
497	292952090565300	0	-	-	-	-	-	-	-	-	-	-
515	295011091184300	1391	0.94	0.85	0.53	0.26	3.69	1.28	1.15	0.66	0.17	4.46
536	CRMS0294-H01	1461	0.27	0.27	0.13	-0.05	0.81	0.06	0.07	0.12	-0.39	0.65
536	CRMS0294-H01	1461	0.27	0.27	0.13	-0.05	0.81	0.06	0.07	0.12	-0.39	0.65
539	CRMS0398-W01	273	0.21	0.21	0.12	-0.07	0.52	0.24	0.26	0.10	-0.03	0.55
545	CRMS4900-H01	1397	0.69	0.63	0.38	0.11	2.42	0.54	0.48	0.35	-0.17	2.17
551	CRMS0345-H01	1372	0.16	0.17	0.11	-0.19	0.65	-0.01	0.00	0.14	-0.60	0.69
551	CRMS0345-H01	1372	0.16	0.17	0.11	-0.19	0.65	-0.01	0.00	0.14	-0.60	0.69
562	073815945	0	-	-	-	-	-	-	-	-	-	-
562	073815945	0	-	-	-	-	-	-	-	-	-	-
563	073816202	1440	0.69	0.64	0.32	0.12	2.01	0.51	0.44	0.35	-0.22	1.98
563	073816202	1440	0.69	0.64	0.32	0.12	2.01	0.51	0.44	0.35	-0.22	1.98
570	CRMS4938-H01	1457	0.62	0.59	0.30	0.12	1.94	0.45	0.41	0.29	-0.26	1.80
570	CRMS4938-H01	1457	0.62	0.59	0.30	0.12	1.94	0.45	0.41	0.29	-0.26	1.80
570	CRMS4938-H01	1457	0.62	0.59	0.30	0.12	1.94	0.45	0.41	0.29	-0.26	1.80
574	CRMS6042-	1400	0.69	0.66	0.31	0.16	1.86	0.48	0.42	0.31	-0.25	1.97

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
	H01											
574	CRMS6042-H01	1400	0.69	0.66	0.31	0.16	1.86	0.48	0.42	0.31	-0.25	1.97
574	CRMS6042-H01	1400	0.69	0.66	0.31	0.16	1.86	0.48	0.42	0.31	-0.25	1.97
576	073816501	0	-	-	-	-	-	-	-	-	-	-
584	CRMS0301-H01	1435	0.48	0.46	0.22	0.10	1.42	0.31	0.30	0.18	-0.15	1.15
585	07381349	1457	0.15	0.16	0.12	-0.26	0.67	0.37	0.38	0.16	-0.27	1.16
587	CRMS5992-H01	1399	0.29	0.29	0.11	-0.07	0.68	0.35	0.36	0.17	-0.36	0.93
590	CRMS4014-H01	1450	0.54	0.50	0.26	0.05	1.68	0.18	0.17	0.18	-0.47	1.00
590	CRMS4014-H01	1450	0.54	0.50	0.26	0.05	1.68	0.18	0.17	0.18	-0.47	1.00
591	07381670	1418	0.56	0.55	0.23	0.08	1.52	0.35	0.33	0.24	-0.44	1.29
595	CRMS0482-H01	1426	0.57	0.52	0.27	0.06	1.67	0.20	0.18	0.23	-0.46	1.31
596	CRMS0542-W01	1	0.14	0.14	-	0.14	0.14	1.43	1.43	-	1.43	1.43
596	CRMS0542-W01	1	0.14	0.14	-	0.14	0.14	1.43	1.43	-	1.43	1.43
599	073813498	1432	0.13	0.14	0.11	-0.26	0.61	0.32	0.32	0.13	-0.15	0.86
604	CRMS2568-H01	1419	0.55	0.51	0.26	0.06	1.58	0.20	0.19	0.20	-0.45	1.15
604	CRMS2568-H01	1419	0.55	0.51	0.26	0.06	1.58	0.20	0.19	0.20	-0.45	1.15
618	293229091230800	0	-	-	-	-	-	-	-	-	-	-
618	293229091230800	0	-	-	-	-	-	-	-	-	-	-

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
621	CRMS6008-H01	1460	0.58	0.55	0.25	0.10	1.51	0.37	0.35	0.20	-0.15	1.31
635	CRMS0464-H01	1389	0.21	0.21	0.12	-0.18	0.68	0.35	0.35	0.14	-0.13	1.11
636	CRMS0545-H01	1461	0.20	0.21	0.11	-0.19	0.62	0.23	0.25	0.17	-0.49	1.02
637	CRMS0547-H01	1406	0.19	0.19	0.12	-0.23	0.60	0.11	0.12	0.19	-0.52	0.75
643	073815925	0	-	-	-	-	-	-	-	-	-	-
654	CRMS0479-H01	1458	0.49	0.47	0.22	0.00	1.17	0.33	0.33	0.17	-0.27	1.03
658	CRMS0550-H01	1424	0.21	0.22	0.11	-0.18	0.61	0.18	0.20	0.18	-0.60	1.02
678	CRMS0514-H01	1455	0.19	0.19	0.12	-0.23	0.60	0.27	0.27	0.17	-0.15	1.06
718	CRMS0549-H01	1421	0.17	0.17	0.13	-0.31	0.60	0.35	0.36	0.18	-0.14	1.20
718	CRMS0549-H01	1421	0.17	0.17	0.13	-0.31	0.60	0.35	0.36	0.18	-0.14	1.20
723	CRMS0531-H01	1454	0.20	0.20	0.11	-0.08	0.60	0.29	0.30	0.18	-0.19	1.07
727	07387040	1432	0.17	0.17	0.13	-0.31	0.60	0.07	0.08	0.20	-0.96	0.85
736	CRMS0523-H01	1350	0.19	0.20	0.12	-0.13	0.61	0.17	0.17	0.16	-0.31	0.75
738	CRMS0552-H01	1425	0.20	0.20	0.12	-0.22	0.68	0.24	0.24	0.16	-0.46	0.92
742	CRMS0529-H01	1258	0.19	0.19	0.11	-0.09	0.60	0.43	0.43	0.05	0.24	0.95
744	CRMS0498-H01	1410	0.15	0.16	0.14	-0.46	0.59	0.31	0.31	0.07	0.03	0.86
746	07387050	1299	0.18	0.18	0.12	-0.23	0.60	1.77	1.77	0.19	0.79	2.42

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
747	CRMS2041-H01	1393	0.17	0.18	0.12	-0.23	0.60	0.29	0.28	0.17	-0.12	1.02
753	CRMS0567-H01	1255	0.25	0.24	0.13	-0.04	0.77	0.27	0.27	0.15	-0.20	0.63
755	CRMS0572-H01	1335	0.21	0.22	0.10	-0.18	0.68	0.15	0.14	0.11	-0.14	0.58
758	CRMS0619-H01	1421	0.18	0.19	0.12	-0.22	0.60	0.29	0.28	0.07	0.12	0.61
762	CRMS0570-H01	1258	0.23	0.23	0.12	-0.04	0.73	0.24	0.23	0.15	-0.01	0.93
767	CRMS0571-H01	1461	0.19	0.19	0.12	-0.21	0.59	0.28	0.28	0.09	0.05	0.64
771	CRMS1277-H01	1411	0.24	0.23	0.11	-0.04	0.73	0.10	0.12	0.19	-0.49	0.77
773	CRMS0593-H01	1161	0.25	0.22	0.16	-0.08	1.14	0.22	0.19	0.23	-0.32	1.30
774	CRMS0560-H01	1428	0.23	0.23	0.12	-0.04	0.74	0.17	0.23	0.20	-0.28	0.76
775	CRMS0557-H01	1023	0.25	0.23	0.14	-0.07	0.87	0.38	0.38	0.13	0.10	1.02
785	CRMS1100-H01	1461	0.23	0.23	0.11	-0.04	0.73	0.35	0.36	0.17	-0.16	1.07
788	CRMS0556-H01	1429	0.24	0.23	0.13	-0.07	0.87	0.29	0.28	0.18	-0.28	1.14
799	CRMS1965-H01	957	0.29	0.28	0.09	0.06	0.60	0.40	0.39	0.09	0.21	0.69
801	CRMS0626-H01	1275	0.24	0.23	0.11	-0.04	0.73	0.00	-0.01	0.16	-0.46	0.68
816	CRMS0599-H01	531	0.20	0.20	0.11	-0.04	0.51	0.30	0.27	0.10	0.12	0.72
818	CRMS0581-H01	1345	0.23	0.23	0.10	0.01	0.53	0.03	0.03	0.11	-0.29	0.46

ICM Compartment	Station	# Observations	Predicted					Observed				
			Mean	Median	StDev	Min	Max	Mean	Median	StDev	Min	Max
824	CRMS0615-H01	1238	0.25	0.25	0.09	0.03	0.54	0.06	0.06	0.11	-0.18	0.38
826	CRMS1409-H01	1461	0.23	0.22	0.13	-0.07	0.84	0.26	0.24	0.17	-0.15	0.93
827	CRMS0587-H01	1237	0.23	0.22	0.13	-0.06	0.82	0.15	0.18	0.16	-0.17	0.81
837	08017095	1143	0.15	0.15	0.13	-0.34	0.54	0.99	0.99	0.18	0.13	1.56
844	CRMS1743-H01	1411	0.20	0.19	0.13	-0.17	0.66	0.14	0.13	0.13	-0.29	0.81
849	CRMS6302-H01	86	0.15	0.16	0.09	-0.06	0.33	0.16	0.19	0.13	-0.18	0.48
866	CRMS6301-H01	1128	0.21	0.20	0.11	-0.02	0.69	0.37	0.36	0.10	0.14	0.66
879	CRMS0651-H01	1453	0.20	0.20	0.12	-0.08	0.72	0.35	0.34	0.10	0.13	0.62
896	CRMS0638-H01	1381	0.19	0.18	0.12	-0.08	0.63	0.28	0.27	0.11	0.04	0.56
896	CRMS0638-H01	1381	0.19	0.18	0.12	-0.08	0.63	0.28	0.27	0.11	0.04	0.56
901	CRMS1858-H01	1441	0.22	0.20	0.13	-0.08	0.77	0.34	0.40	0.16	-0.22	0.59
906	CRMS2154-H01	1389	0.21	0.20	0.12	-0.08	0.70	0.30	0.29	0.11	0.06	0.67
909	CRMS2189-H01	1203	0.16	0.16	0.15	-0.36	0.67	0.40	0.39	0.06	0.21	0.75
20	CRMS1069-H01	1412	0.19	0.20	0.13	-0.29	1.04	0.18	0.18	0.16	-0.30	1.93

Table 7: Model Performance for Mean Daily Stage (NAVD 88 meters) for Calibration Period, 2010-2013 for Sites Excluded from Aggregated Model Statistics.

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
51	CRMS4107-H01	1461	0.27	0.18	0.26	0.18	0.26	0.18	0.21	0.18
87	CRMS2634-H01	1461	0.24	-0.23	0.23	-0.23	0.23	-0.23	0.23	-0.23
108	CRMS0128-H01	802	0.17	0.13	0.16	0.13	0.12	0.13	0.11	0.12
148	CRMS0148-H01	1461	0.25	0.21	0.23	0.22	0.22	0.21	0.22	0.21
203	CRMS0056-H01	1432	0.14	-0.10	0.12	-0.10	0.12	-0.10	0.10	-0.10
210	CRMS0234-H01	1276	0.27	-0.24	0.26	-0.24	0.25	-0.23	0.24	-0.24
236	CRMS5255-H01	1427	0.13	0.02	0.09	0.02	0.07	0.02	0.04	0.02
273	8760922	1461	0.18	0.17	0.18	0.17	0.18	0.17	0.18	0.17
334	CRMS2939-W01	279	0.12	-0.09	0.11	-0.09	0.05	-0.09	0.05	-0.09
337	07381000	1358	0.96	-0.96	0.96	-0.96	0.95	-0.96	0.96	-0.95
251	CRMS0219-W01	1177	0.16	-0.13	0.15	-0.13	0.13	-0.13	0.13	-0.13
289	073802512	1393	0.33	-0.32	0.32	-0.32	0.33	-0.32	0.32	-0.32
341	07380401	1444	1.99	-1.98	1.99	-1.98	1.99	-1.98	1.98	-1.98
364	CRMS3296-W01	0	-	-	-	-	-	-	-	-
369	CRMS5536-H01	1385	0.52	0.49	0.51	0.50	0.50	0.49	0.49	0.49
369	CRMS5536-H01	1385	0.52	0.49	0.51	0.50	0.50	0.49	0.49	0.49
371	CRMS0337-H01	1439	0.09	0.04	0.06	0.04	0.06	0.04	0.04	0.04
374	07381450	1444	0.77	-0.60	0.75	-0.59	0.71	-0.60	0.61	-0.60
378	CRMS0414-H01	1320	0.17	0.01	0.17	0.01	0.15	0.01	0.04	0.01
378	CRMS0414-H01	1320	0.17	0.01	0.17	0.01	0.15	0.01	0.04	0.01
378	CRMS0414-H01	1320	0.17	0.01	0.17	0.01	0.15	0.01	0.04	0.01
404	CRMS0385-H01	424	0.38	0.38	0.38	0.38	0.21	0.38	0.25	0.36
404	CRMS0385-H01	424	0.38	0.38	0.38	0.38	0.21	0.38	0.25	0.36
409	CRMS0324-H01	1458	0.40	0.35	0.39	0.35	0.38	0.35	0.35	0.35
409	CRMS0324-H01	1458	0.40	0.35	0.39	0.35	0.38	0.35	0.35	0.35

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
418	073815963	0	-	-	-	-	-	-	-	-
427	07381454	0	-	-	-	-	-	-	-	-
439	CRMS0355-W01	285	0.14	-0.12	0.13	-0.13	0.06	-0.12	0.06	-0.12
441	CRMS0403-W01	284	0.66	0.66	0.66	0.66	0.30	0.66	0.33	0.66
462	07381324	1424	0.30	-0.28	0.29	-0.28	0.29	-0.29	0.29	-0.29
477	300713091362400	0	-	-	-	-	-	-	-	-
480	CRMS0381-H01	1427	0.19	0.14	0.19	0.14	0.18	0.14	0.14	0.14
482	294736091164200	1149	0.45	-0.42	0.44	-0.42	0.40	-0.43	0.40	-0.40
488	CRMS5035-H01	1373	0.15	0.11	0.14	0.11	0.14	0.11	0.12	0.12
489	300312091320000	1341	0.82	-0.79	0.82	-0.80	0.79	-0.79	0.80	-0.80
489	300312091320000	1341	0.82	-0.79	0.82	-0.80	0.79	-0.79	0.80	-0.80
497	292952090565300	0	-	-	-	-	-	-	-	-
515	295011091184300	1391	0.37	-0.34	0.37	-0.34	0.37	-0.34	0.34	-0.34
536	CRMS0294-H01	1461	0.23	0.21	0.22	0.21	0.22	0.21	0.22	0.21
536	CRMS0294-H01	1461	0.23	0.21	0.22	0.21	0.22	0.21	0.22	0.21
539	CRMS0398-W01	273	0.10	-0.03	0.08	-0.03	0.03	-0.03	0.02	-0.03
545	CRMS4900-H01	1397	0.18	0.15	0.17	0.15	0.16	0.15	0.15	0.15
551	CRMS0345-H01	1372	0.19	0.17	0.17	0.17	0.17	0.17	0.17	0.17
551	CRMS0345-H01	1372	0.19	0.17	0.17	0.17	0.17	0.17	0.17	0.17
562	073815945	0	-	-	-	-	-	-	-	-
562	073815945	0	-	-	-	-	-	-	-	-
563	073816202	1440	0.19	0.18	0.18	0.17	0.18	0.18	0.18	0.18
563	073816202	1440	0.19	0.18	0.18	0.17	0.18	0.18	0.18	0.18
570	CRMS4938-H01	1457	0.19	0.17	0.18	0.17	0.18	0.17	0.17	0.17
570	CRMS4938-H01	1457	0.19	0.17	0.18	0.17	0.18	0.17	0.17	0.17
570	CRMS4938-H01	1457	0.19	0.17	0.18	0.17	0.18	0.17	0.17	0.17
574	CRMS6042-H01	1400	0.24	0.22	0.23	0.22	0.22	0.22	0.22	0.22

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
574	CRMS6042-H01	1400	0.24	0.22	0.23	0.22	0.22	0.22	0.22	0.22
574	CRMS6042-H01	1400	0.24	0.22	0.23	0.22	0.22	0.22	0.22	0.22
576	073816501	0	-	-	-	-	-	-	-	-
584	CRMS0301-H01	1435	0.20	0.17	0.19	0.17	0.19	0.17	0.17	0.17
585	07381349	1457	0.24	-0.22	0.22	-0.21	0.22	-0.22	0.22	-0.22
587	CRMS5992-H01	1399	0.13	-0.06	0.09	-0.06	0.08	-0.06	0.06	-0.06
590	CRMS4014-H01	1450	0.39	0.36	0.38	0.36	0.38	0.36	0.36	0.36
590	CRMS4014-H01	1450	0.39	0.36	0.38	0.36	0.38	0.36	0.36	0.36
591	07381670	1418	0.23	0.21	0.21	0.21	0.21	0.21	0.21	0.21
595	CRMS0482-H01	1426	0.38	0.36	0.38	0.36	0.37	0.37	0.37	0.36
596	CRMS0542-W01	1	-	-	-	-	0.19	-1.29	0.64	-1.29
596	CRMS0542-W01	1	-	-	-	-	0.19	-1.29	0.64	-1.29
599	073813498	1432	0.19	-0.18	0.19	-0.18	0.19	-0.18	0.18	-0.18
604	CRMS2568-H01	1419	0.38	0.35	0.37	0.35	0.37	0.35	0.35	0.35
604	CRMS2568-H01	1419	0.38	0.35	0.37	0.35	0.37	0.35	0.35	0.35
618	293229091230800	0	-	-	-	-	-	-	-	-
618	293229091230800	0	-	-	-	-	-	-	-	-
621	CRMS6008-H01	1460	0.26	0.22	0.25	0.22	0.24	0.22	0.22	0.22
635	CRMS0464-H01	1389	0.17	-0.14	0.16	-0.14	0.16	-0.15	0.15	-0.14
636	CRMS0545-H01	1461	0.12	-0.02	0.06	-0.02	0.06	-0.02	0.03	-0.02
637	CRMS0547-H01	1406	0.15	0.07	0.10	0.07	0.10	0.07	0.07	0.07
643	073815925	0	-	-	-	-	-	-	-	-
654	CRMS0479-H01	1458	0.19	0.16	0.18	0.16	0.18	0.16	0.16	0.16
658	CRMS0550-H01	1424	0.13	0.03	0.07	0.03	0.06	0.03	0.03	0.03
678	CRMS0514-H01	1455	0.14	-0.08	0.10	-0.08	0.09	-0.08	0.08	-0.08
718	CRMS0549-H01	1421	0.21	-0.18	0.19	-0.18	0.19	-0.18	0.18	-0.18
718	CRMS0549-H01	1421	0.21	-0.18	0.19	-0.18	0.19	-0.18	0.18	-0.18

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
723	CRMS0531-H01	1454	0.16	-0.10	0.12	-0.09	0.11	-0.10	0.10	-0.10
727	07387040	1432	0.17	0.10	0.12	0.10	0.11	0.10	0.10	0.10
736	CRMS0523-H01	1350	0.10	0.02	0.05	0.02	0.05	0.02	0.03	0.02
738	CRMS0552-H01	1425	0.14	-0.04	0.10	-0.04	0.09	-0.04	0.05	-0.04
742	CRMS0529-H01	1258	0.26	-0.24	0.26	-0.24	0.25	-0.25	0.24	-0.24
744	CRMS0498-H01	1410	0.20	-0.15	0.18	-0.15	0.18	-0.16	0.15	-0.15
746	07387050	1299	1.60	-1.59	1.59	-1.59	1.51	-1.59	1.59	-1.59
747	CRMS2041-H01	1393	0.17	-0.12	0.13	-0.12	0.13	-0.12	0.12	-0.12
753	CRMS0567-H01	1255	0.19	-0.02	0.19	-0.02	0.18	0.00	0.03	-0.02
755	CRMS0572-H01	1335	0.14	0.07	0.13	0.06	0.13	0.07	0.07	0.07
758	CRMS0619-H01	1421	0.15	-0.10	0.13	-0.10	0.12	-0.10	0.10	-0.10
762	CRMS0570-H01	1258	0.12	-0.01	0.12	-0.01	0.11	0.00	0.04	-0.01
767	CRMS0571-H01	1461	0.15	-0.09	0.14	-0.09	0.13	-0.09	0.09	-0.09
771	CRMS1277-H01	1411	0.23	0.14	0.22	0.14	0.22	0.14	0.15	0.14
773	CRMS0593-H01	1161	0.18	0.03	0.17	0.02	0.16	0.04	0.11	0.00
774	CRMS0560-H01	1428	0.19	0.06	0.19	0.06	0.19	0.06	0.10	0.06
775	CRMS0557-H01	1023	0.18	-0.13	0.17	-0.13	0.14	-0.12	0.15	-0.15
785	CRMS1100-H01	1461	0.17	-0.11	0.17	-0.11	0.17	-0.11	0.12	-0.11
788	CRMS0556-H01	1429	0.15	-0.05	0.15	-0.05	0.15	-0.04	0.07	-0.05
799	CRMS1965-H01	957	0.15	-0.11	0.15	-0.11	0.13	-0.11	0.12	-0.12
801	CRMS0626-H01	1275	0.26	0.24	0.26	0.24	0.24	0.24	0.25	0.24
816	CRMS0599-H01	531	0.13	-0.10	0.11	-0.09	0.07	-0.10	0.08	-0.11
818	CRMS0581-H01	1345	0.23	0.20	0.22	0.20	0.22	0.20	0.20	0.20
824	CRMS0615-H01	1238	0.21	0.20	0.21	0.20	0.22	0.21	0.20	0.20
826	CRMS1409-H01	1461	0.13	-0.03	0.13	-0.03	0.12	-0.03	0.06	-0.03
827	CRMS0587-H01	1237	0.15	0.08	0.14	0.08	0.15	0.09	0.10	0.09
837	08017095	1143	0.85	-0.84	0.85	-0.84	0.76	-0.84	0.86	-0.86

ICM Compartment	Station	# Observations	Daily RMSE	Daily Bias	Two-week RMSE	Two-week Bias	Monthly RMSE	Monthly Bias	Annual RMSE	Annual Bias
844	CRMS1743-H01	1411	0.15	0.06	0.13	0.06	0.13	0.06	0.07	0.06
849	CRMS6302-H01	86	0.10	-0.01	0.04	0.00	0.00	-0.01	0.00	-0.01
866	CRMS6301-H01	1128	0.17	-0.15	0.17	-0.16	0.16	-0.16	0.15	-0.15
879	CRMS0651-H01	1453	0.16	-0.14	0.15	-0.14	0.15	-0.14	0.14	-0.14
896	CRMS0638-H01	1381	0.11	-0.08	0.11	-0.08	0.10	-0.08	0.09	-0.08
896	CRMS0638-H01	1381	0.11	-0.08	0.11	-0.08	0.10	-0.08	0.09	-0.08
901	CRMS1858-H01	1441	0.22	-0.12	0.21	-0.12	0.20	-0.12	0.13	-0.12
906	CRMS2154-H01	1389	0.11	-0.10	0.10	-0.10	0.10	-0.10	0.10	-0.10
909	CRMS2189-H01	1203	0.27	-0.24	0.26	-0.24	0.23	-0.24	0.25	-0.25

DRAFT

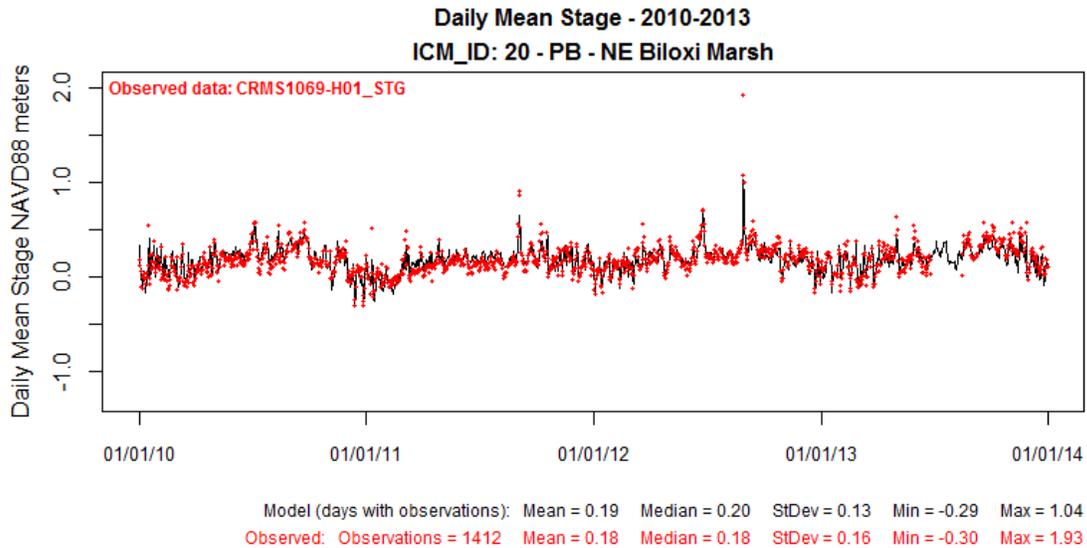


Figure 1: Modeled Stage at ICM Compartment 20 (solid black line) Compared to Observed Data at CRMS1069-H01 for Calibration Period, 2010-2013.

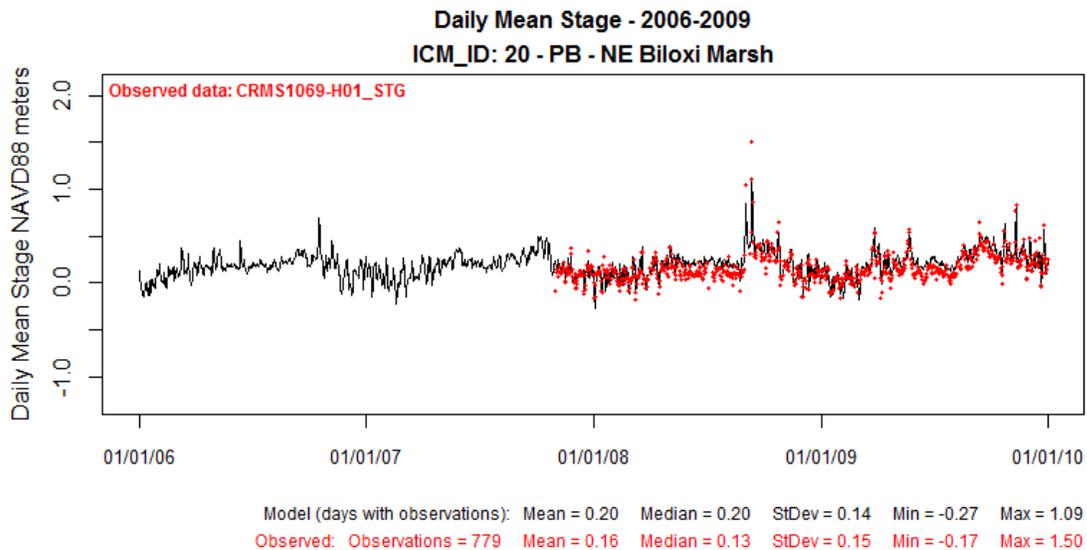


Figure 2: Modeled Stage at ICM Compartment 20 (solid black line) Compared to Observed Data at CRMS1069-H01 for Validation Period, 2006-2009.

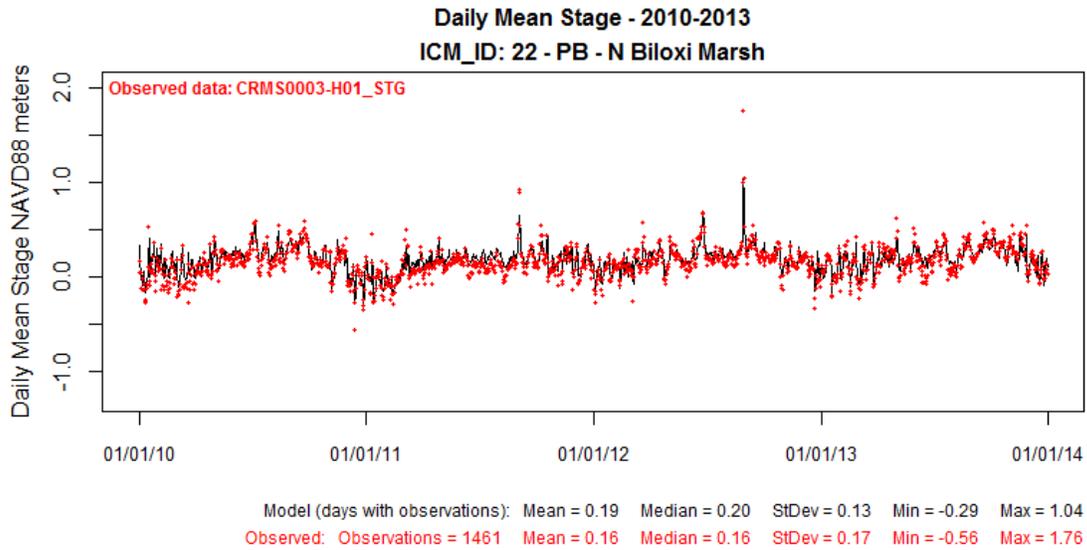


Figure 3: Modeled Stage at ICM Compartment 22 (solid black line) Compared to Observed Data at CRMS0003-H01 for Calibration Period, 2010-2013.

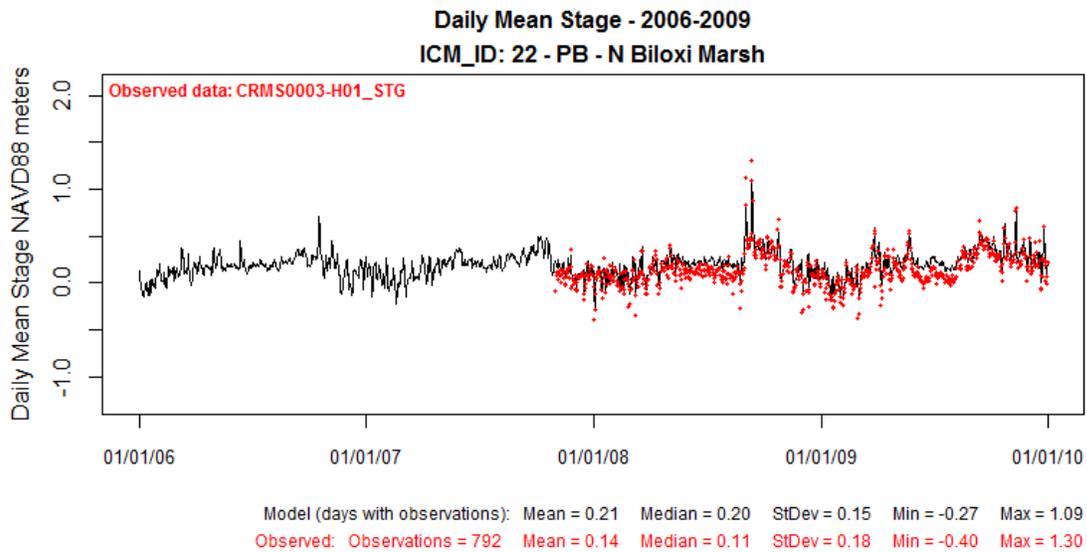


Figure 4: Modeled Stage at ICM Compartment 22 (solid black line) Compared to Observed Data at CRMS0003-H01 for Validation Period, 2006-2009.

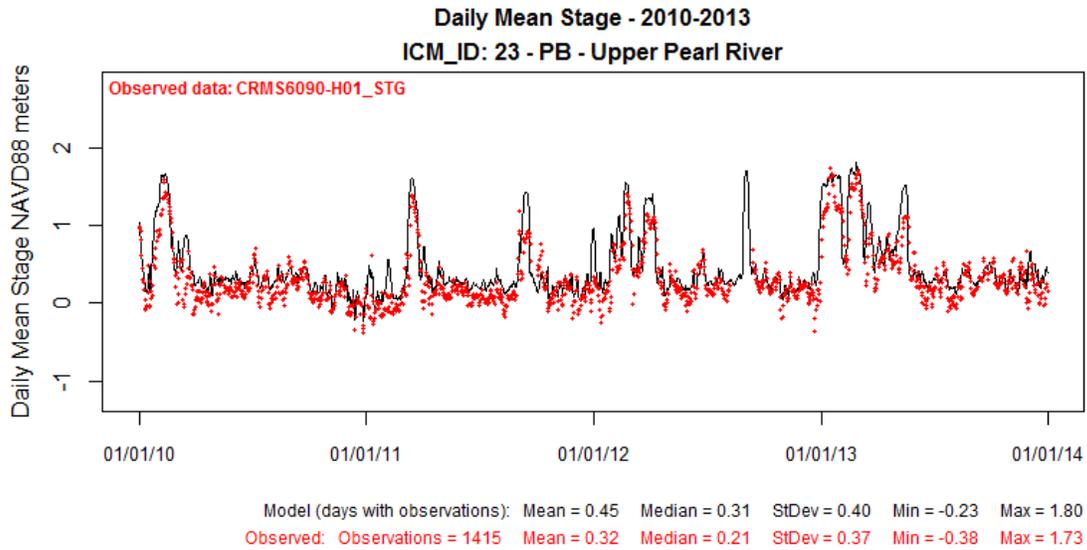


Figure 5: Modeled Stage at ICM Compartment 23 (solid black line) Compared to Observed Data at CRMS6090-H01 for Calibration Period, 2010-2013.

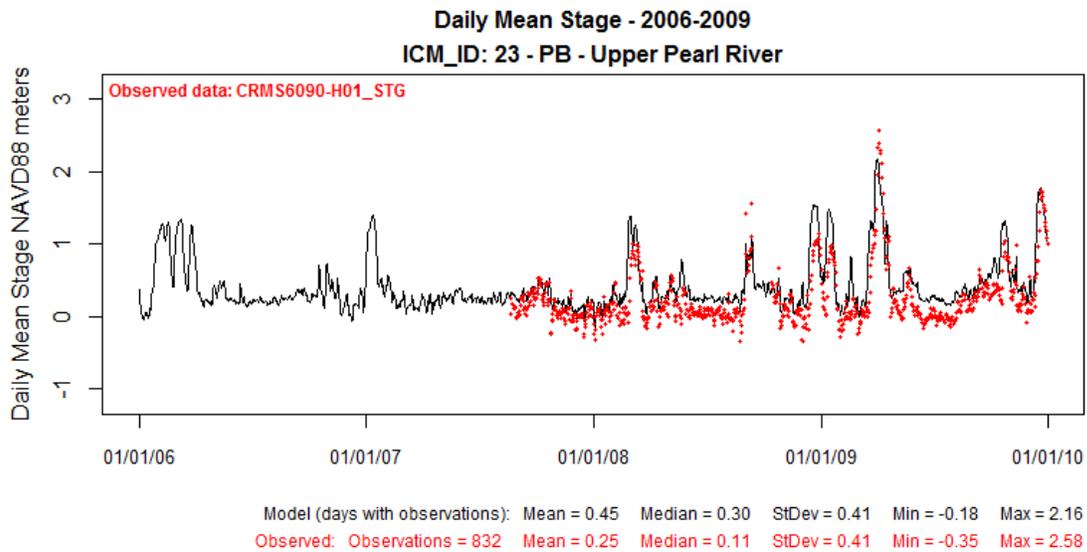


Figure 6: Modeled Stage at ICM Compartment 23 (solid black line) Compared to Observed Data at CRMS6090-H01 for Validation Period, 2006-2009.

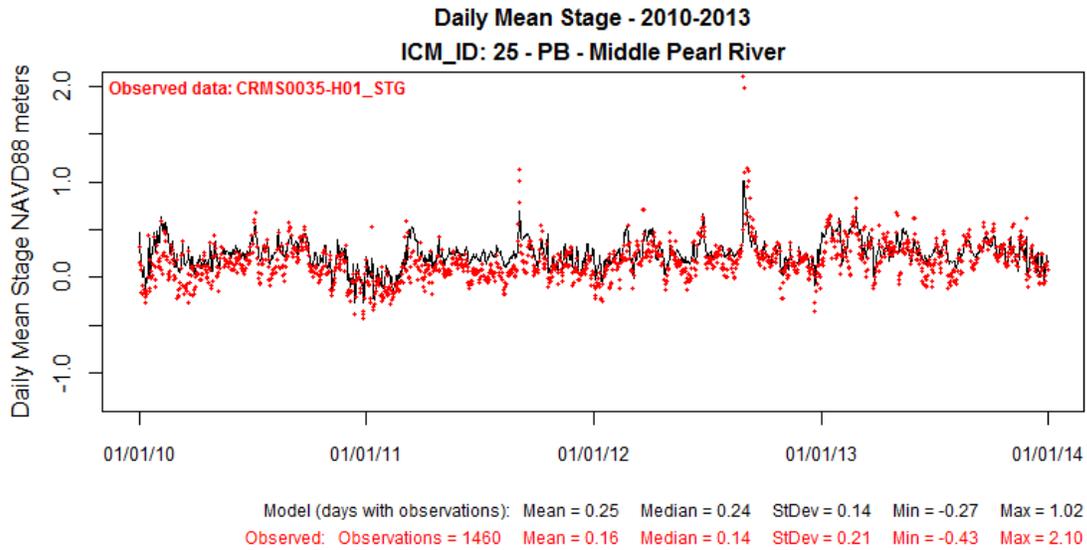


Figure 7: Modeled Stage at ICM Compartment 25 (solid black line) Compared to Observed Data at CRMS0035-H01 for Calibration Period, 2010-2013.

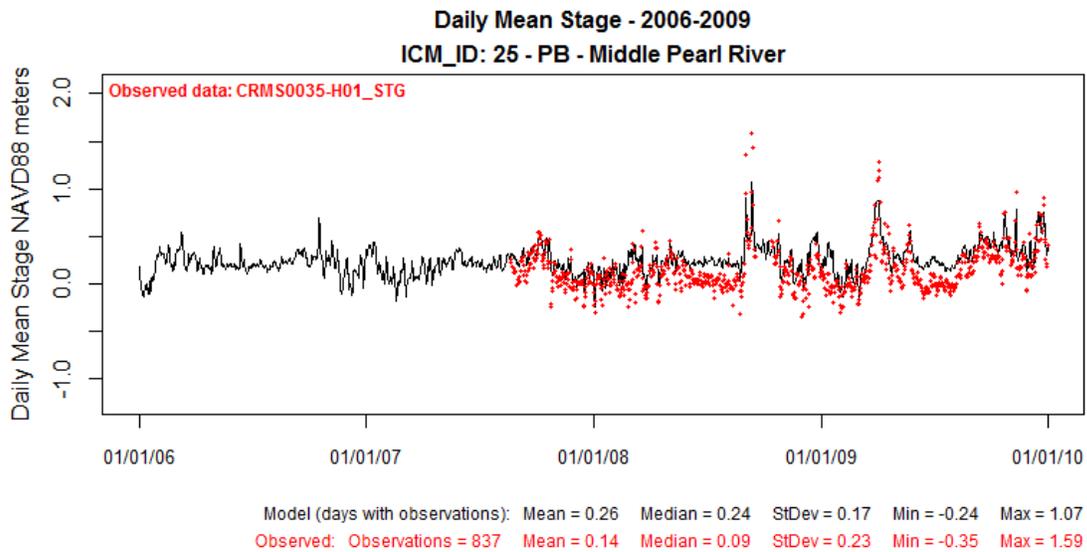


Figure 8: Modeled Stage at ICM Compartment 25 (solid black line) Compared to Observed Data at CRMS0035-H01 for Validation Period, 2006-2009.

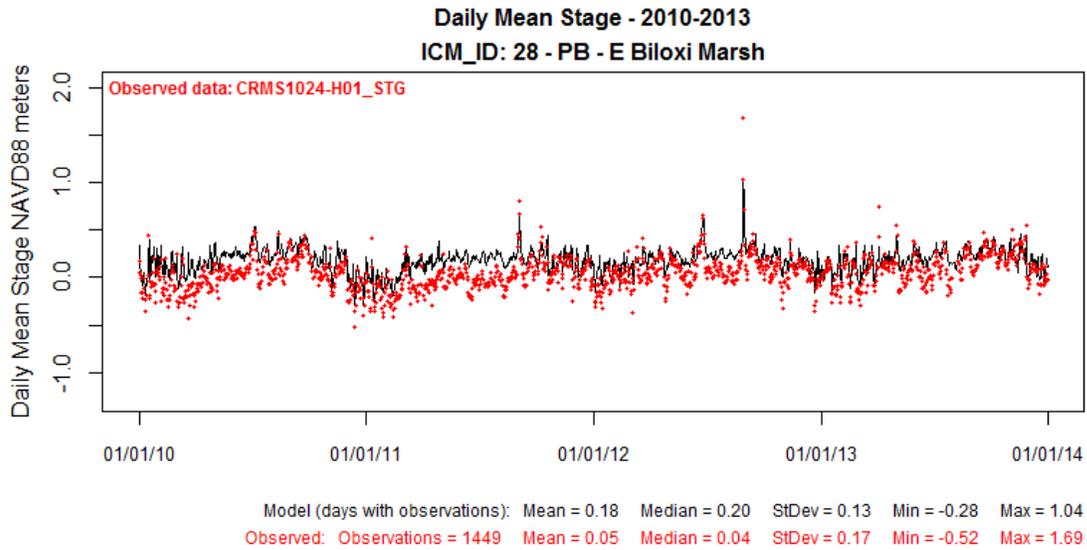


Figure 9: Modeled Stage at ICM Compartment 28 (solid black line) Compared to Observed Data at CRMS1024-H01 for Calibration Period, 2010-2013.

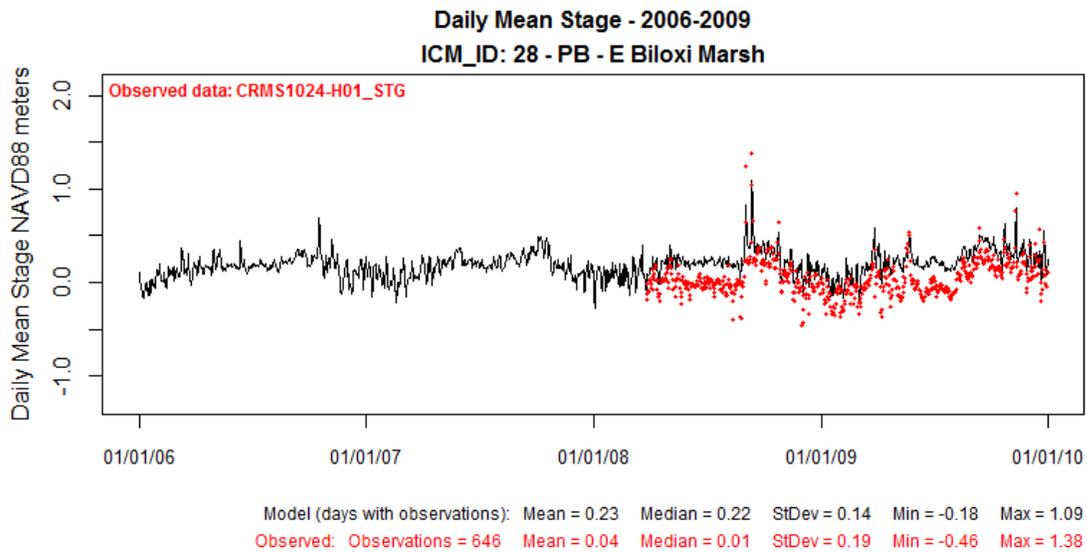


Figure 10: Modeled Stage at ICM Compartment 28 (solid black line) Compared to Observed Data at CRMS1024-H01 for Validation Period, 2006-2009.

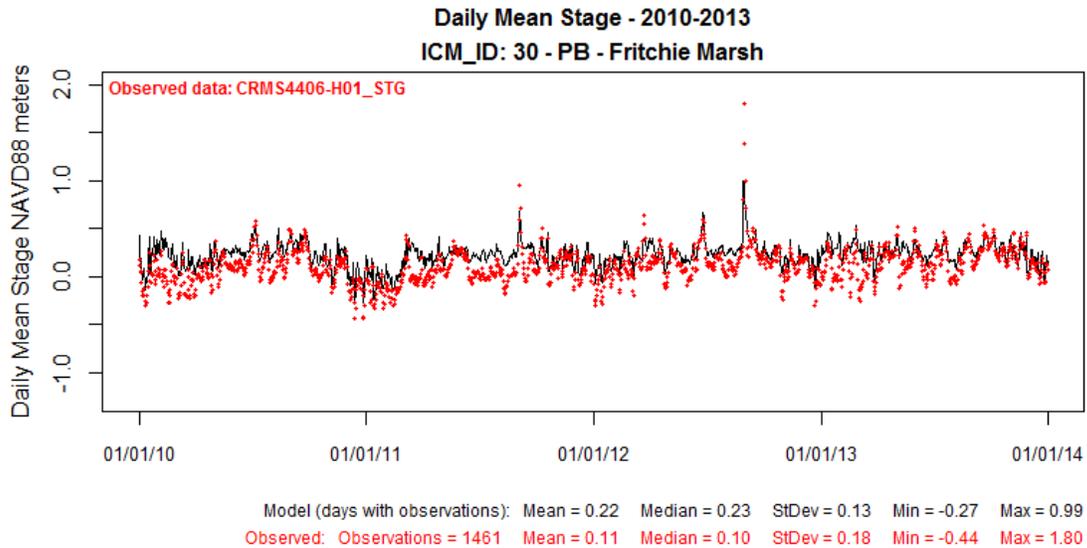


Figure 11: Modeled Stage at ICM Compartment 30 (solid black line) Compared to Observed Data at CRMS4406-H01 for Calibration Period, 2010-2013.

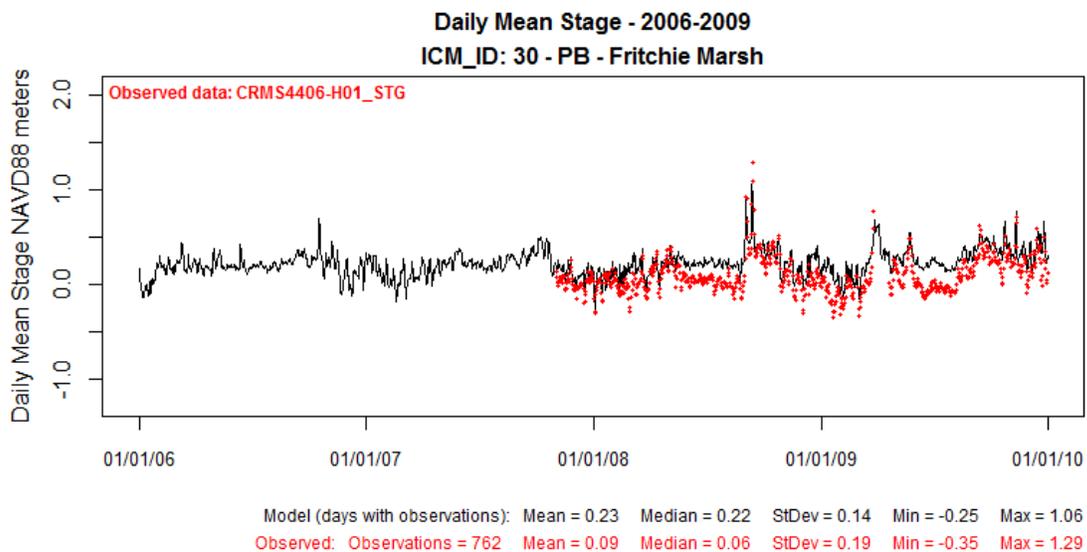


Figure 12: Modeled Stage at ICM Compartment 30 (solid black line) Compared to Observed Data at CRMS4406-H01 for Validation Period, 2006-2009.

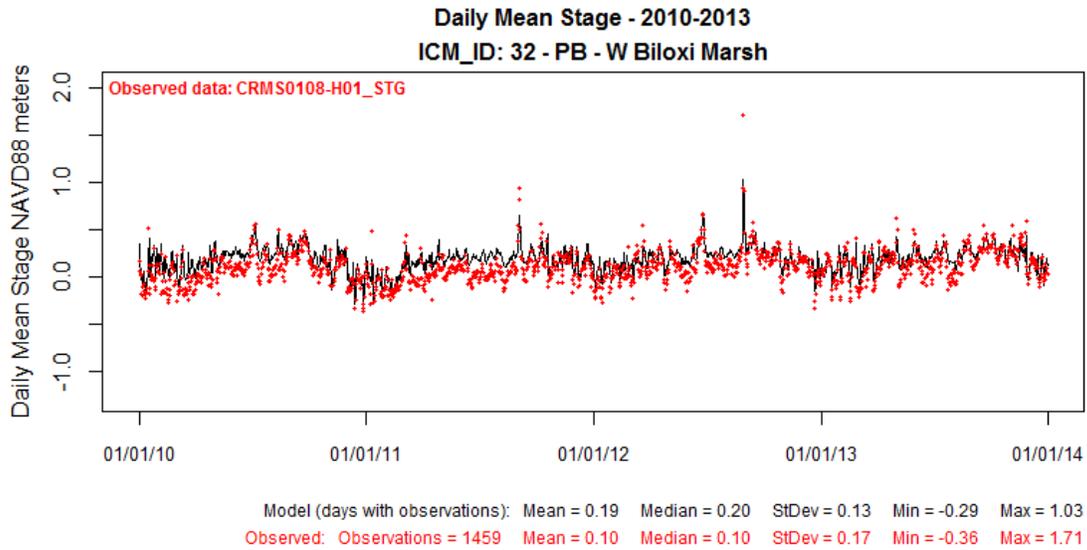


Figure 13: Modeled Stage at ICM Compartment 32 (solid black line) Compared to Observed Data at CRMS0108-H01 for Calibration Period, 2010-2013.

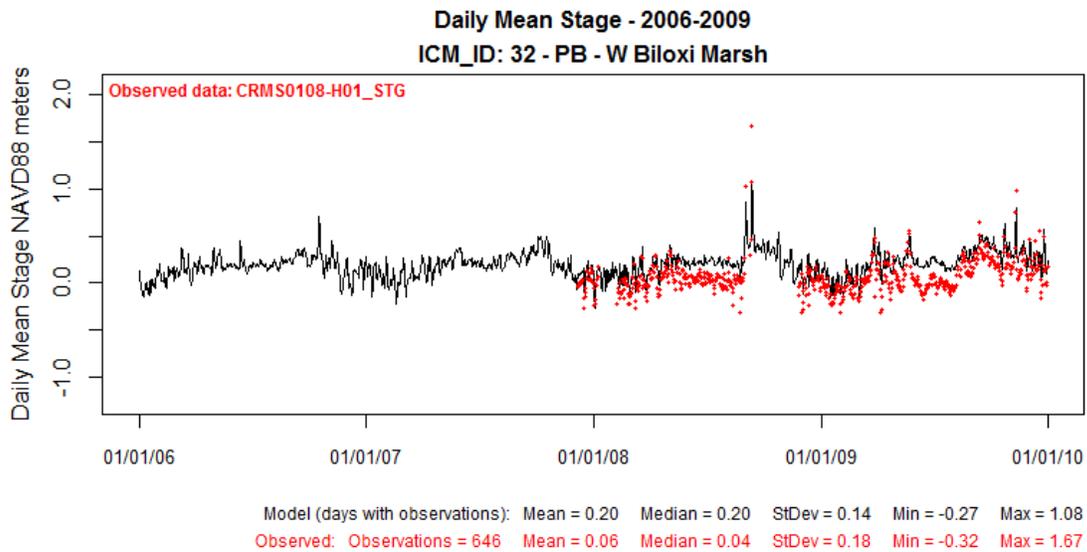


Figure 14: Modeled Stage at ICM Compartment 32 (solid black line) Compared to Observed Data at CRMS0108-H01 for Validation Period, 2006-2009.

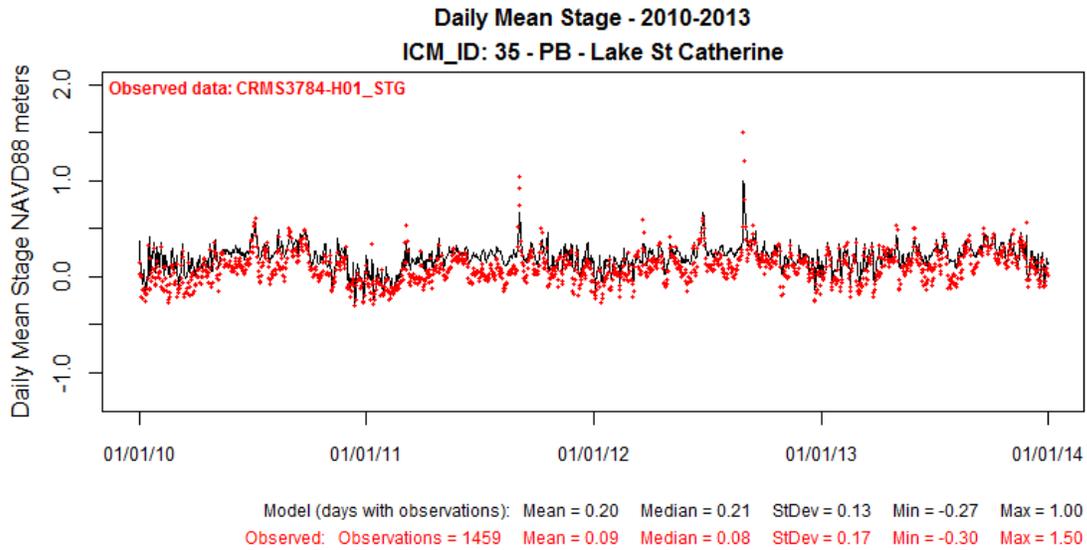


Figure 15: Modeled Stage at ICM Compartment 35 (solid black line) Compared to Observed Data at CRMS3784-H01 for Calibration Period, 2010-2013.

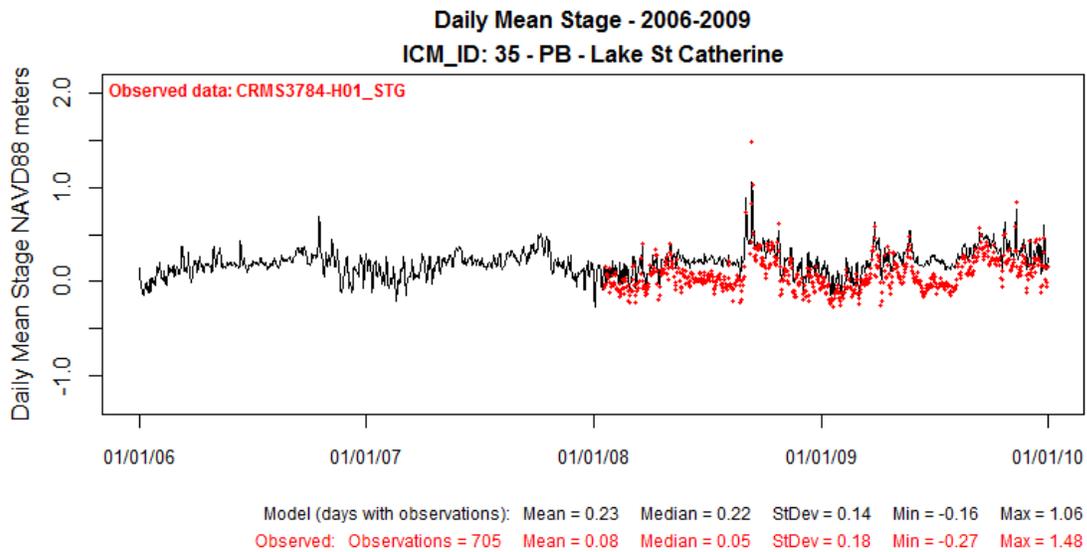


Figure 16: Modeled Stage at ICM Compartment 35 (solid black line) Compared to Observed Data at CRMS3784-H01 for Validation Period, 2006-2009.

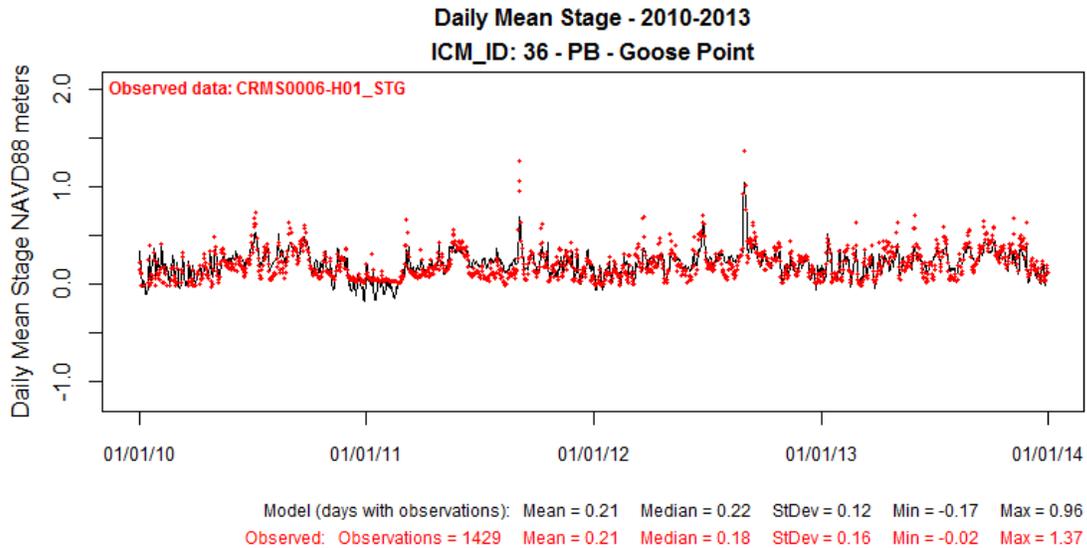


Figure 17: Modeled Stage at ICM Compartment 36 (solid black line) Compared to Observed Data at CRMS0006-H01 for Calibration Period, 2010-2013.

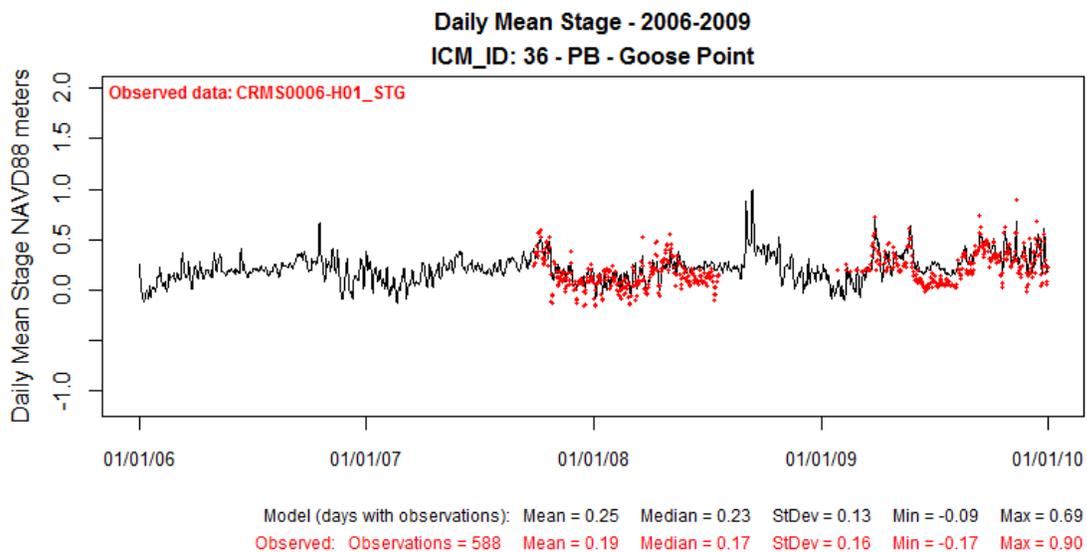


Figure 18: Modeled Stage at ICM Compartment 36 (solid black line) Compared to Observed Data at CRMS0006-H01 for Validation Period, 2006-2009.

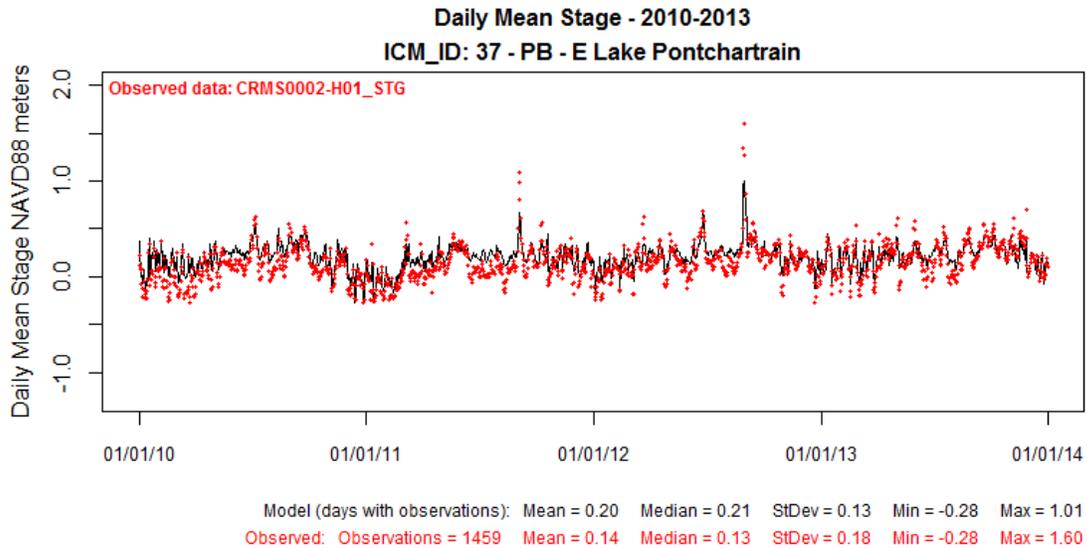


Figure 19: Modeled Stage at ICM Compartment 37 (solid black line) Compared to Observed Data at CRMS0002-H01 for Calibration Period, 2010-2013.

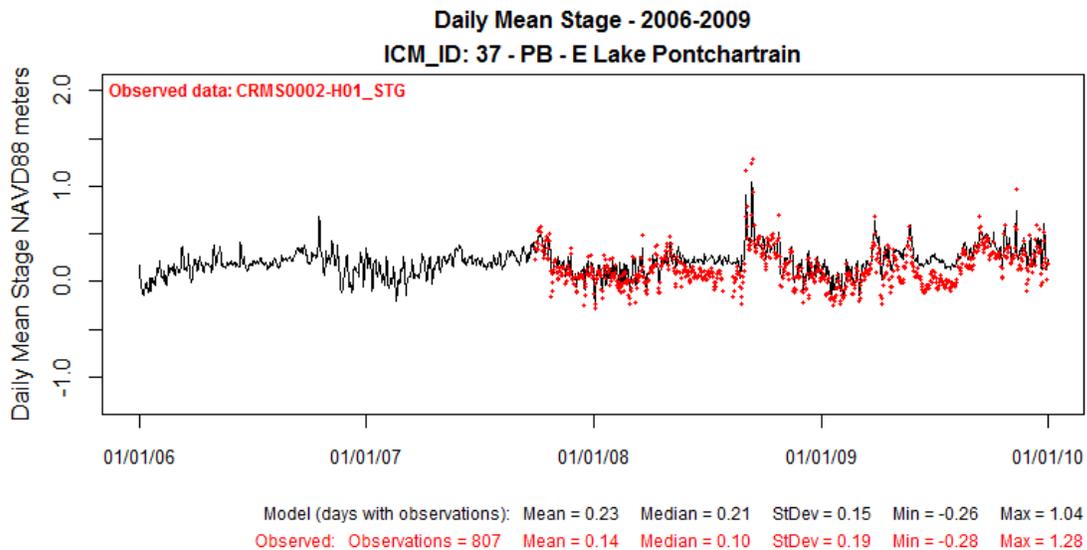


Figure 20: Modeled Stage at ICM Compartment 37 (solid black line) Compared to Observed Data at CRMS0002-H01 for Validation Period, 2006-2009.

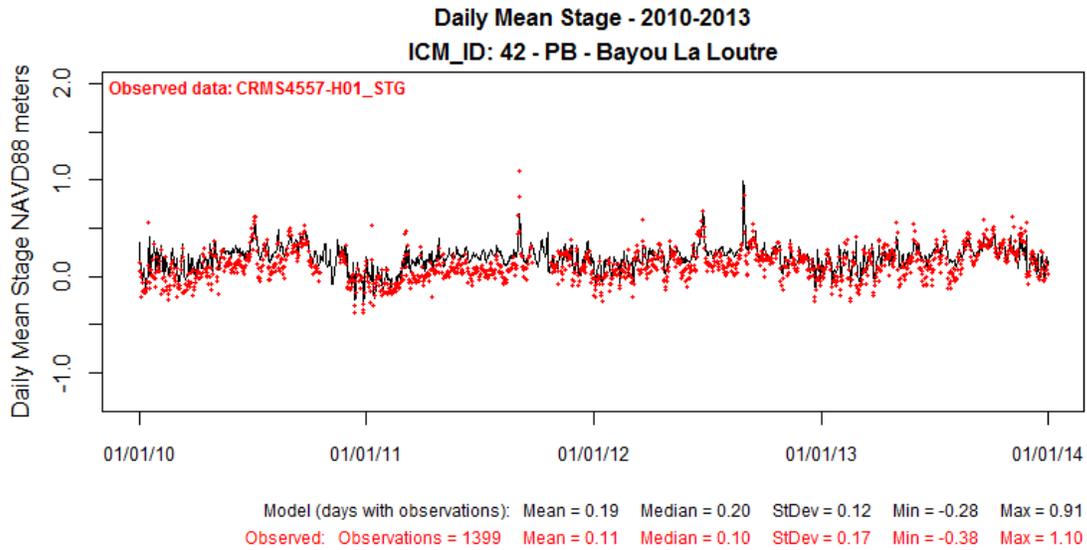


Figure 21: Modeled Stage at ICM Compartment 42 (solid black line) Compared to Observed Data at CRMS4557-H01 for Calibration Period, 2010-2013.

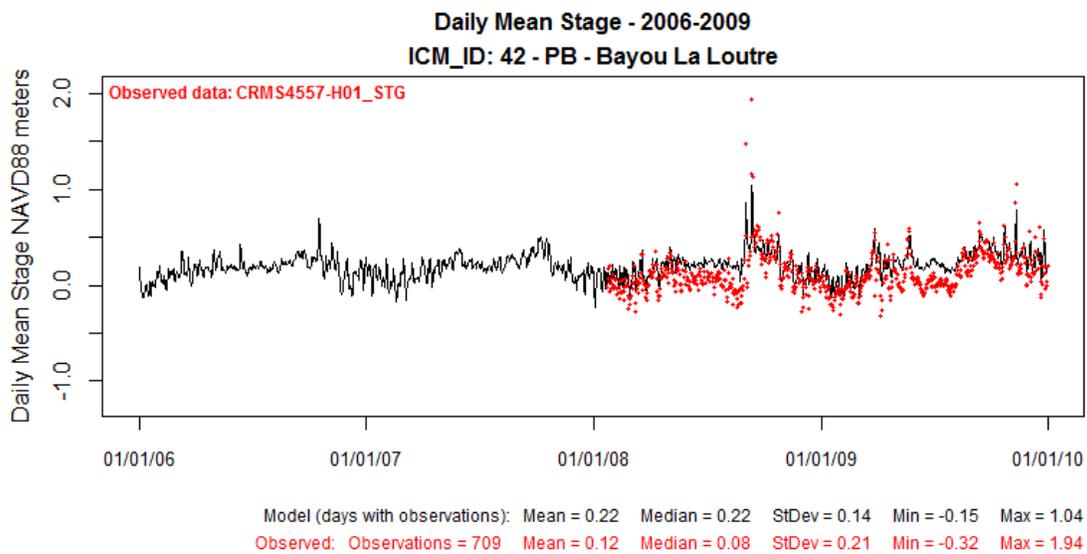


Figure 22: Modeled Stage at ICM Compartment 42 (solid black line) Compared to Observed Data at CRMS4557-H01 for Validation Period, 2006-2009.

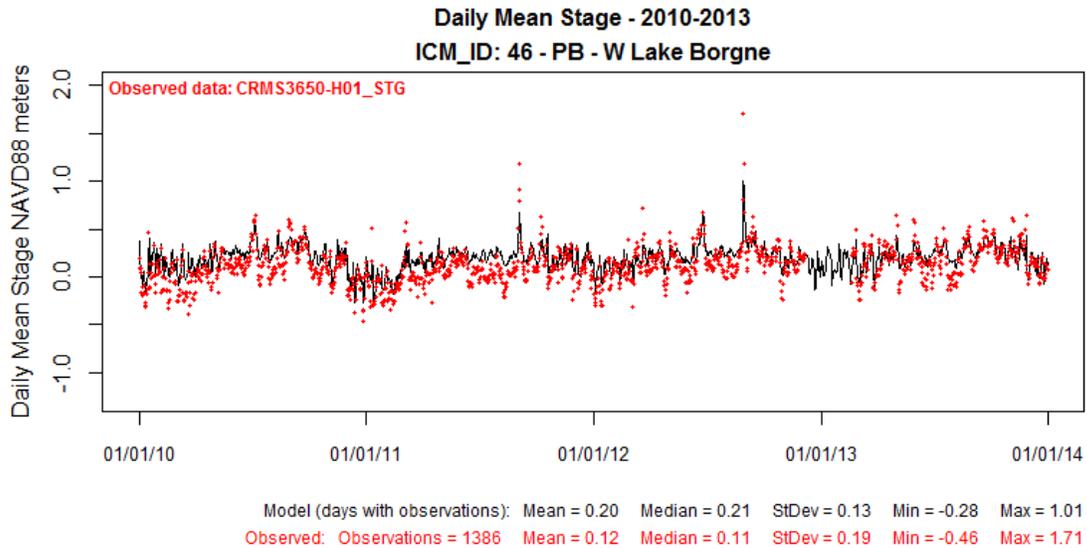


Figure 23: Modeled Stage at ICM Compartment 46 (solid black line) Compared to Observed Data at CRMS3650-H01 for Calibration Period, 2010-2013.

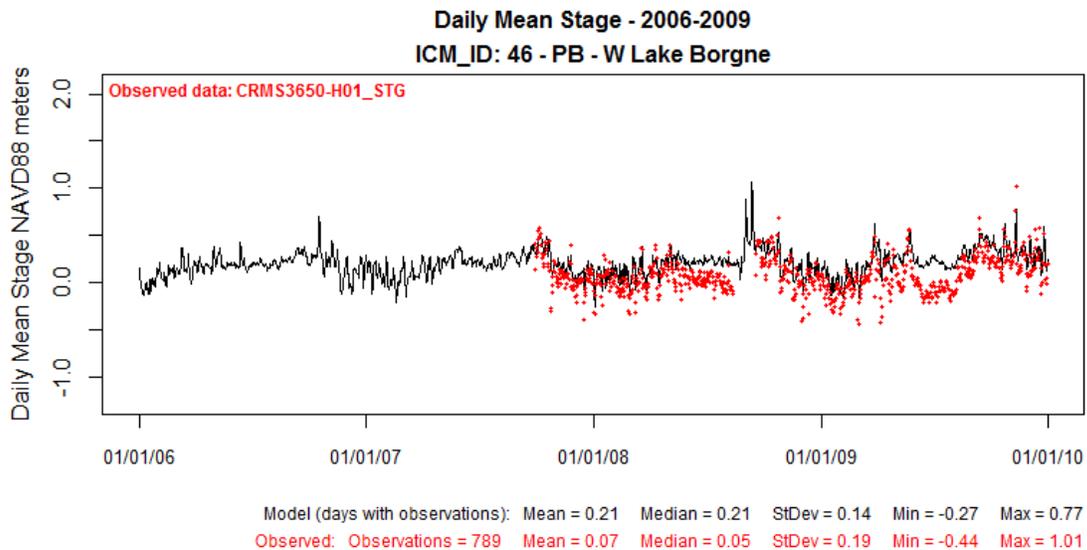


Figure 24: Modeled Stage at ICM Compartment 46 (solid black line) Compared to Observed Data at CRMS3650-H01 for Validation Period, 2006-2009.

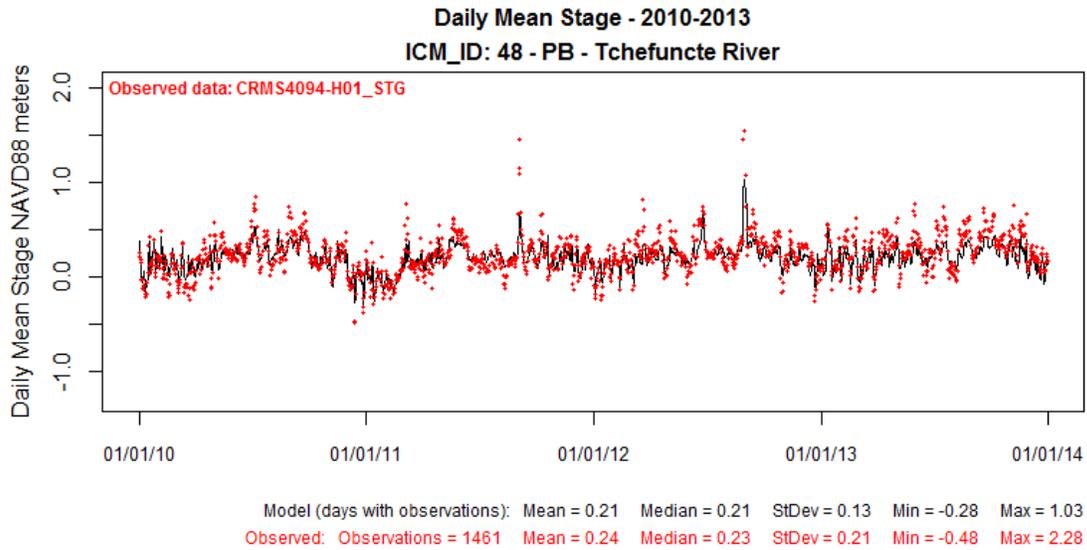


Figure 25: Modeled Stage at ICM Compartment 48 (solid black line) Compared to Observed Data at CRMS4094-H01 for Calibration Period, 2010-2013.

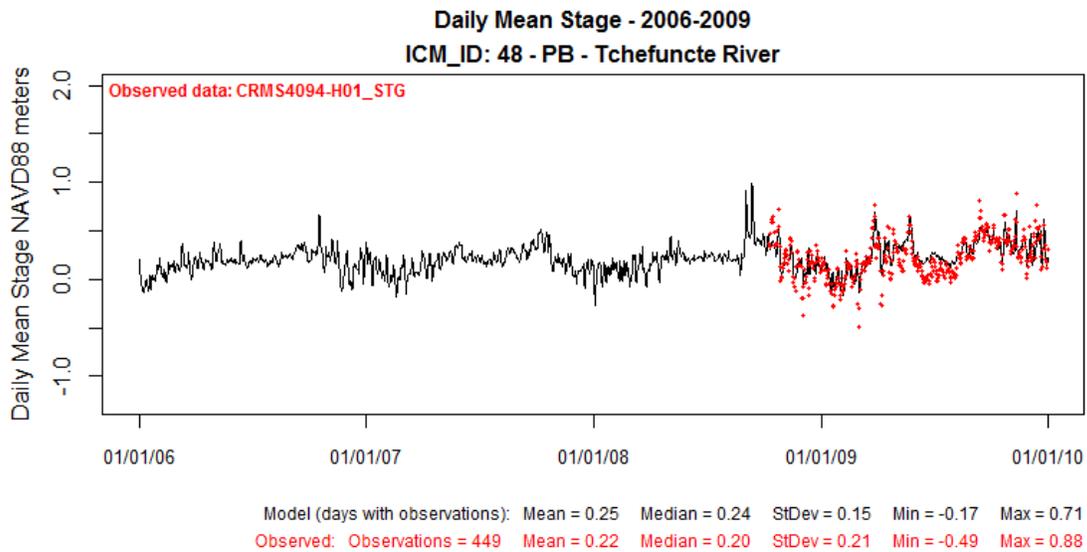


Figure 26: Modeled Stage at ICM Compartment 48 (solid black line) Compared to Observed Data at CRMS4094-H01 for Validation Period, 2006-2009.

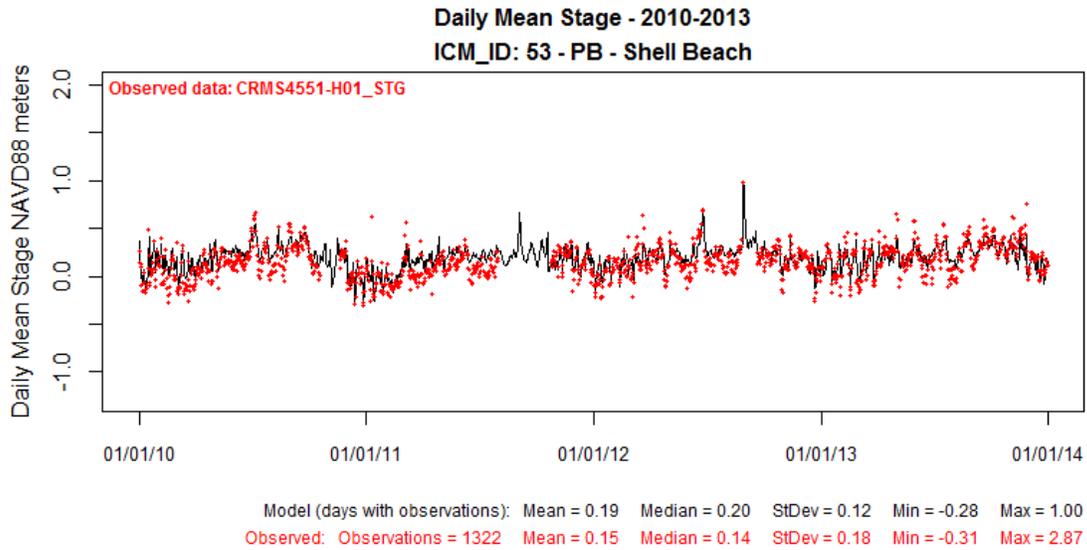


Figure 27: Modeled Stage at ICM Compartment 53 (solid black line) Compared to Observed Data at CRMS4551-H01 for Calibration Period, 2010-2013.

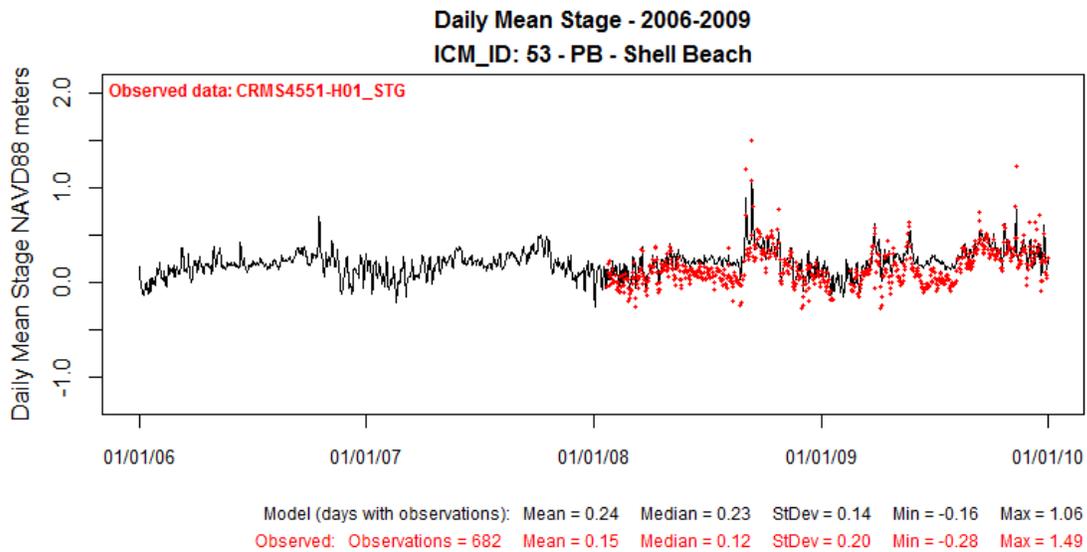


Figure 28: Modeled Stage at ICM Compartment 53 (solid black line) Compared to Observed Data at CRMS4551-H01 for Validation Period, 2006-2009.

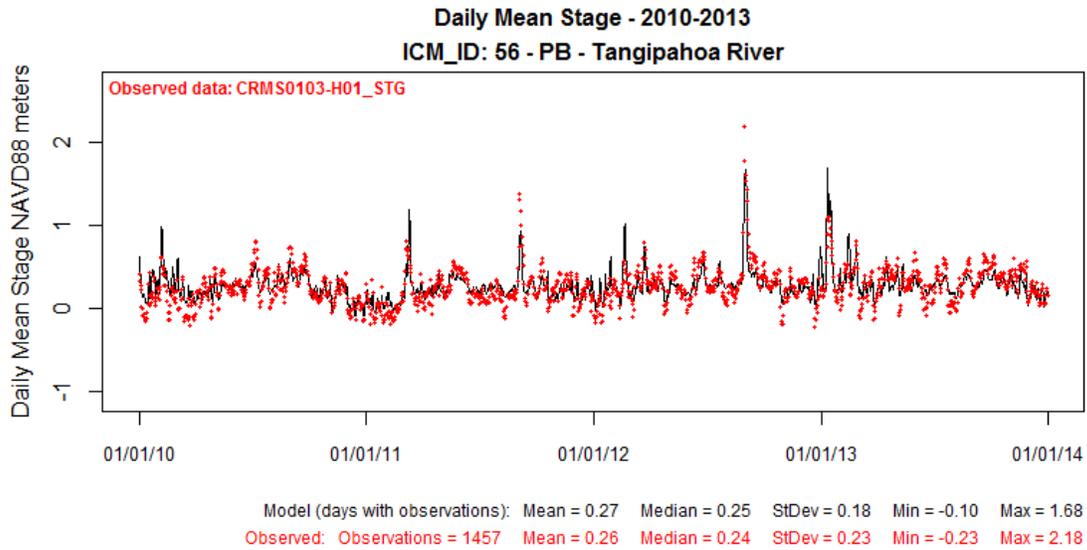


Figure 29: Modeled Stage at ICM Compartment 56 (solid black line) Compared to Observed Data at CRMS0103-H01 for Calibration Period, 2010-2013.

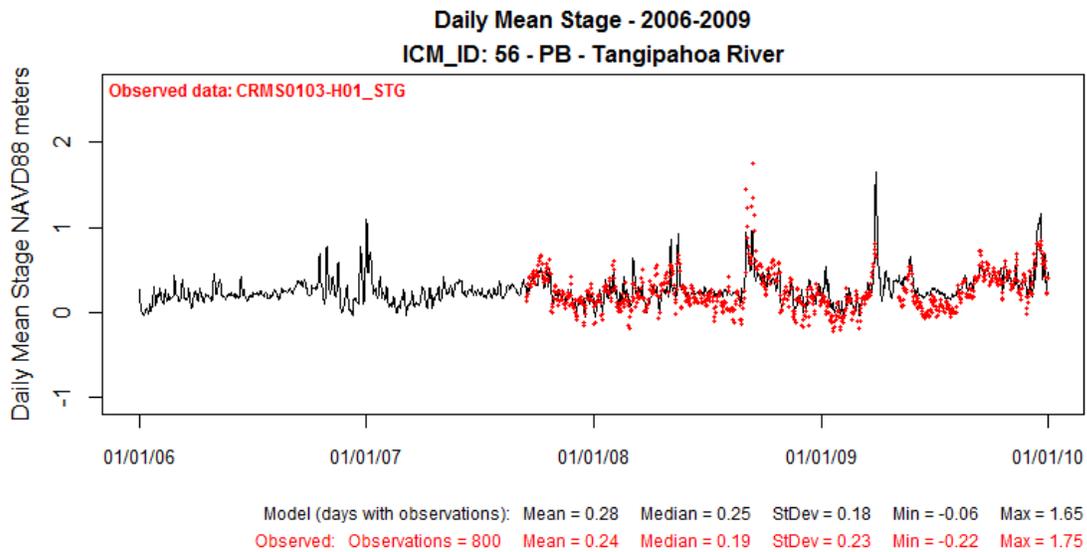


Figure 30: Modeled Stage at ICM Compartment 56 (solid black line) Compared to Observed Data at CRMS0103-H01 for Validation Period, 2006-2009.

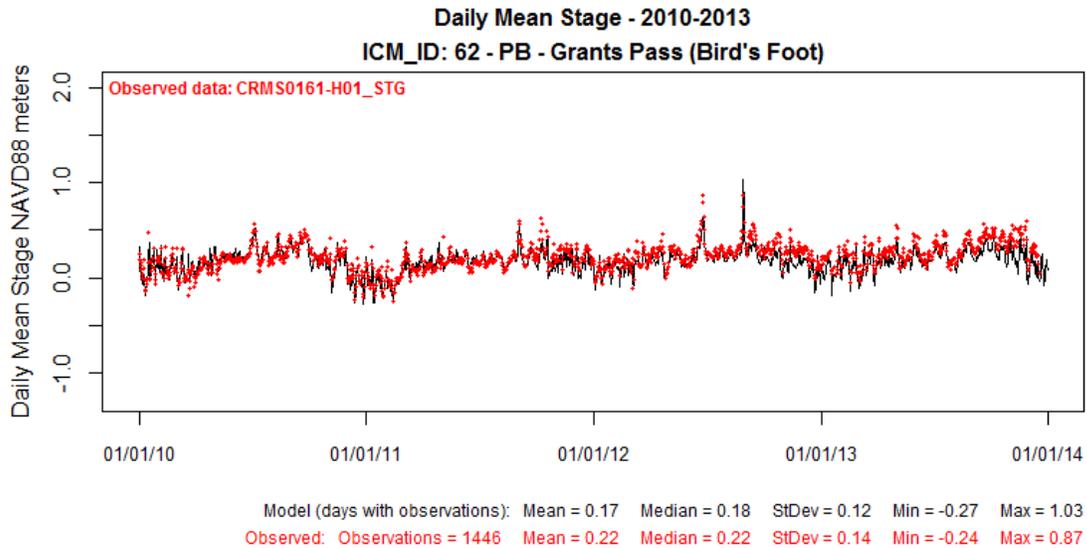


Figure 31: Modeled Stage at ICM Compartment 62 (solid black line) Compared to Observed Data at CRMS0161-H01 for Calibration Period, 2010-2013.

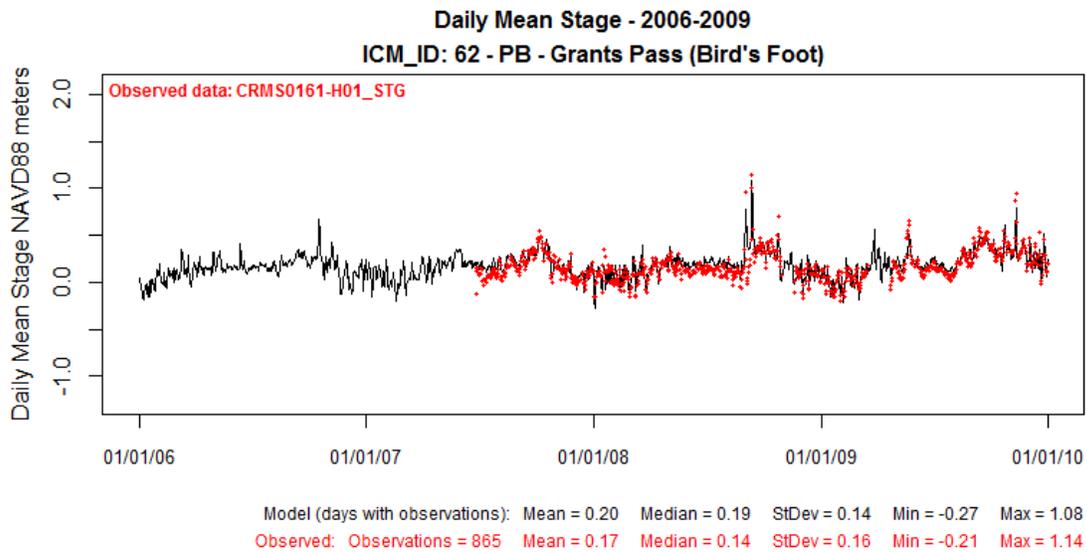


Figure 32: Modeled Stage at ICM Compartment 62 (solid black line) Compared to Observed Data at CRMS0161-H01 for Validation Period, 2006-2009.

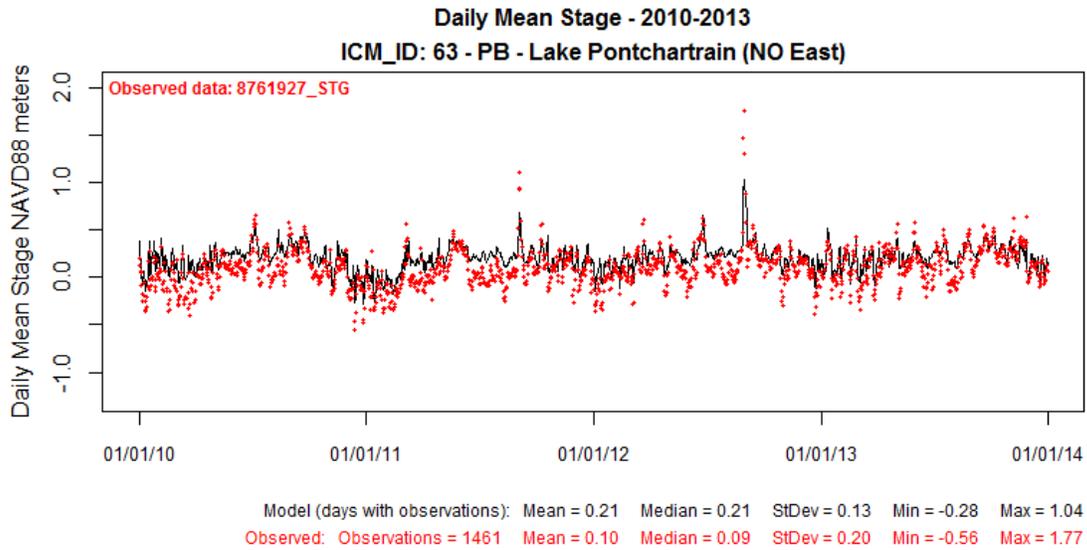


Figure 33: Modeled Stage at ICM Compartment 63 (solid black line) Compared to Observed Data at USGS8761927 for Calibration Period, 2010-2013.

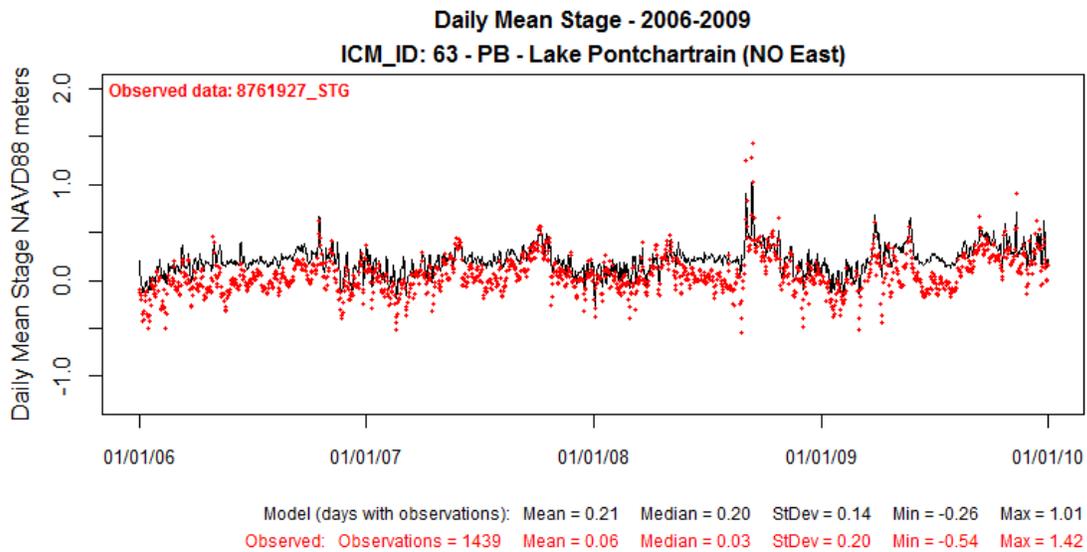


Figure 34: Modeled Stage at ICM Compartment 63 (solid black line) Compared to Observed Data at USGS8761927 for Validation Period, 2006-2009.

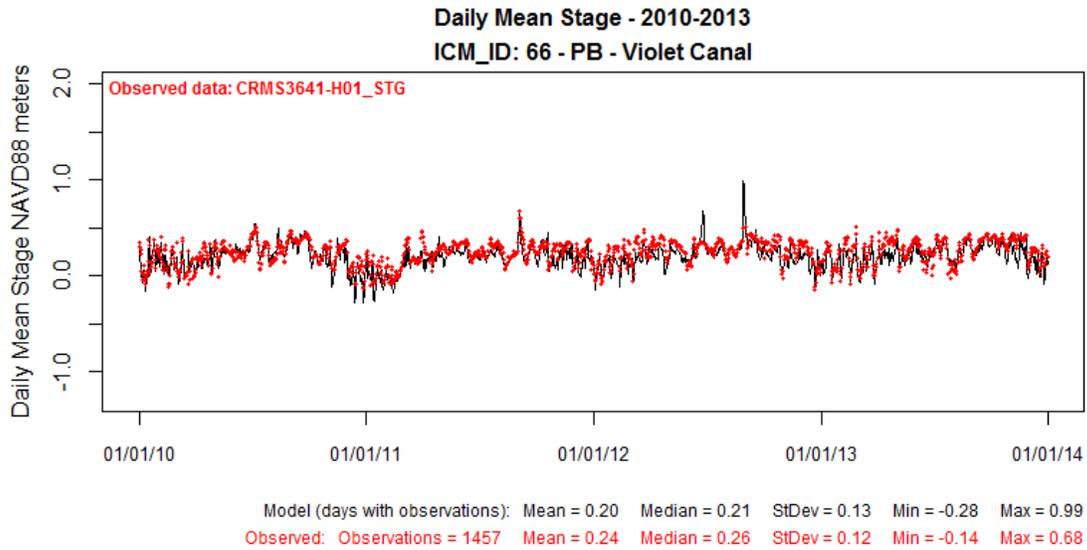


Figure 35: Modeled Stage at ICM Compartment 66 (solid black line) Compared to Observed Data at CRMS3641-H01 for Calibration Period, 2010-2013.

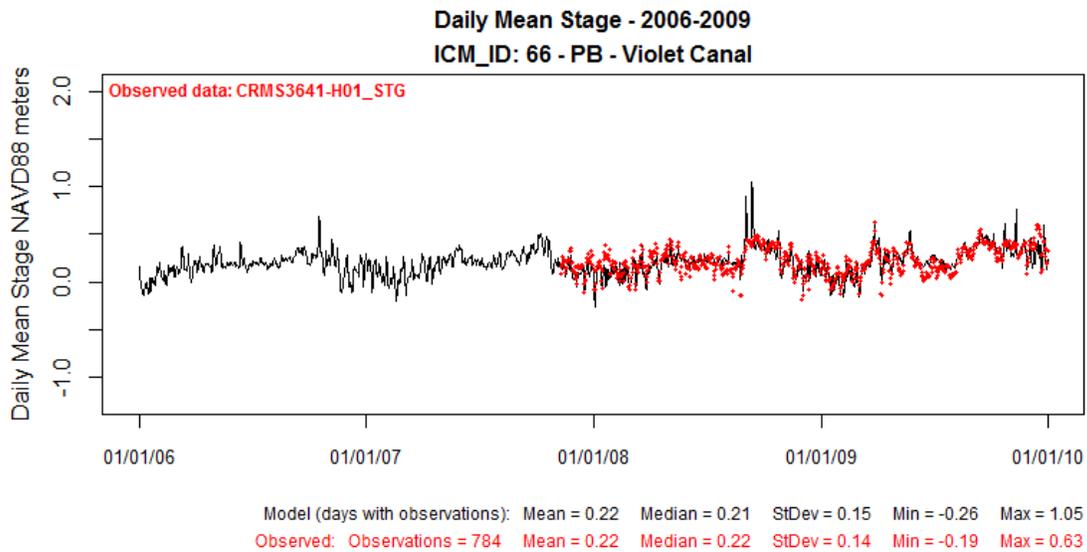


Figure 36: Modeled Stage at ICM Compartment 66 (solid black line) Compared to Observed Data at CRMS3641-H01 for Validation Period, 2006-2009.

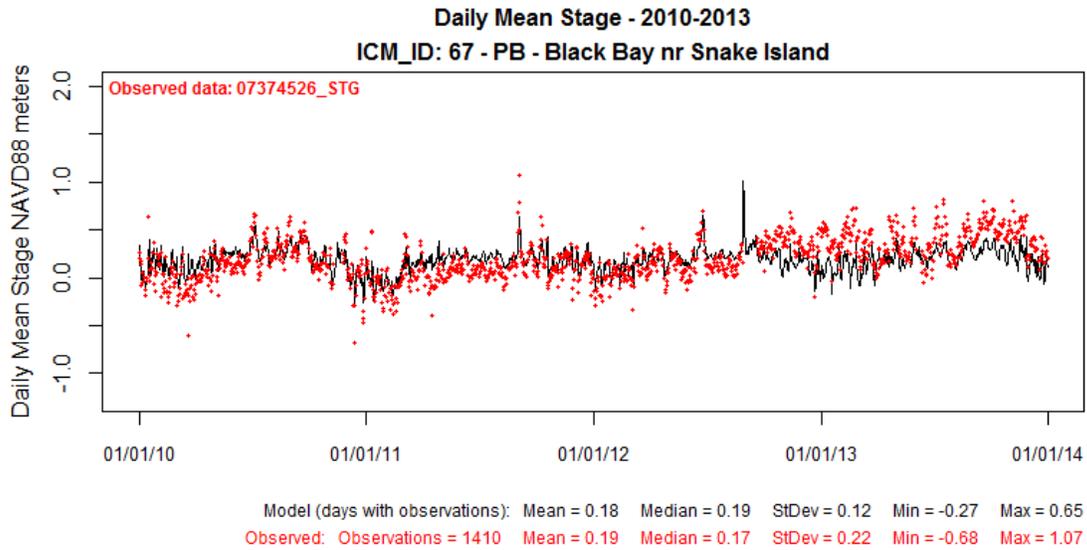


Figure 37: Modeled Stage at ICM Compartment 67 (solid black line) Compared to Observed Data at USGS07374526 for Calibration Period, 2010-2013.

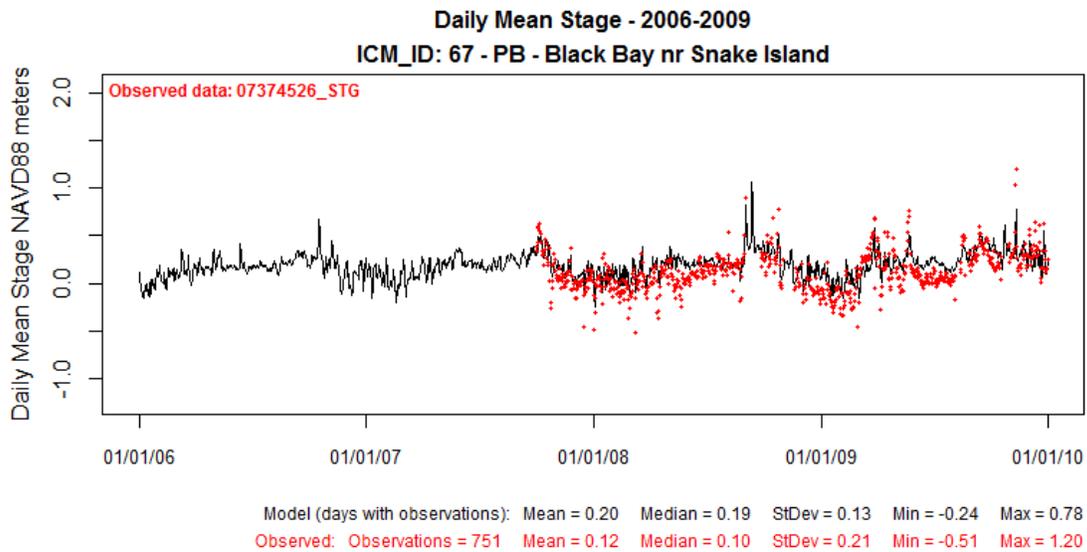


Figure 38: Modeled Stage at ICM Compartment 67 (solid black line) Compared to Observed Data at USGS07374526 for Validation Period, 2006-2009.

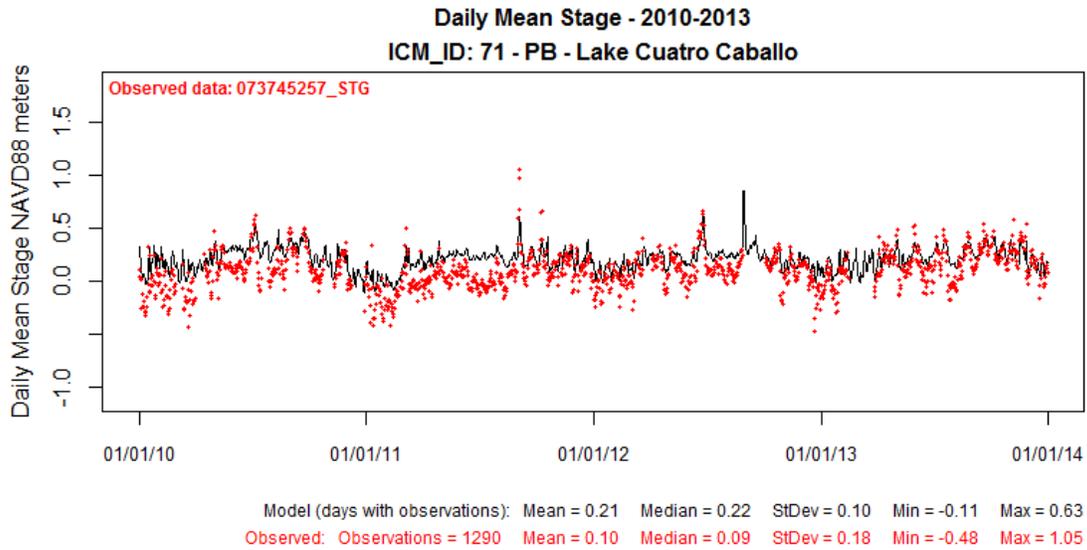


Figure 39: Modeled Stage at ICM Compartment 71 (solid black line) Compared to Observed Data at USGS073745257 for Calibration Period, 2010-2013.

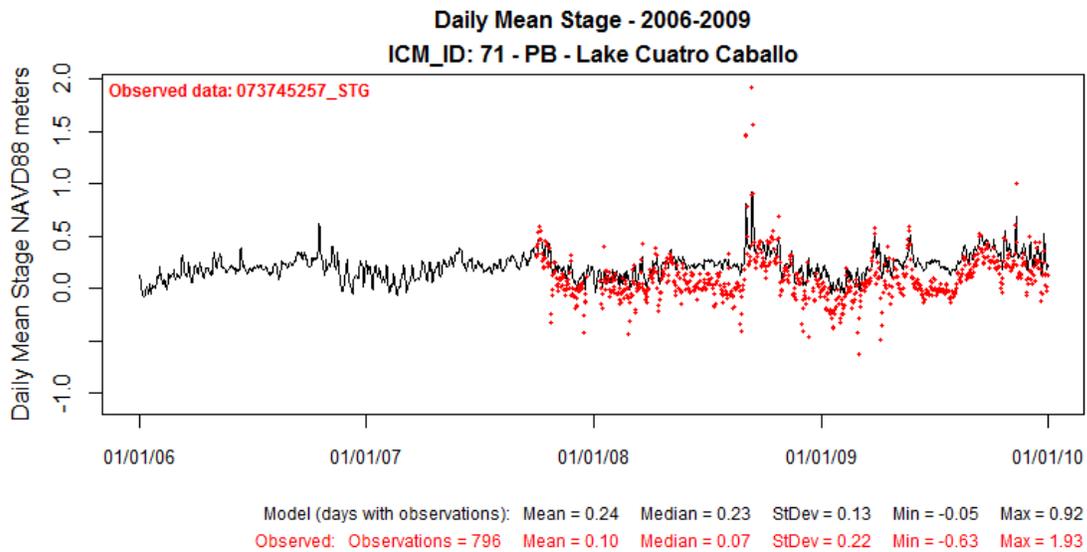


Figure 40: Modeled Stage at ICM Compartment 71 (solid black line) Compared to Observed Data at USGS073745257 for Validation Period, 2006-2009.

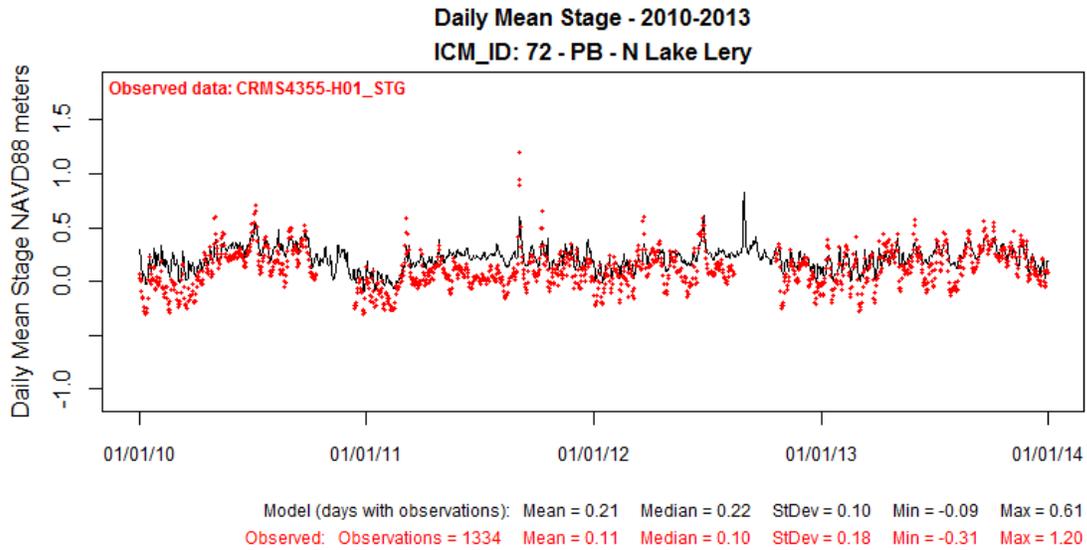


Figure 41: Modeled Stage at ICM Compartment 72 (solid black line) Compared to Observed Data at CRMS4355-H01 for Calibration Period, 2010-2013.

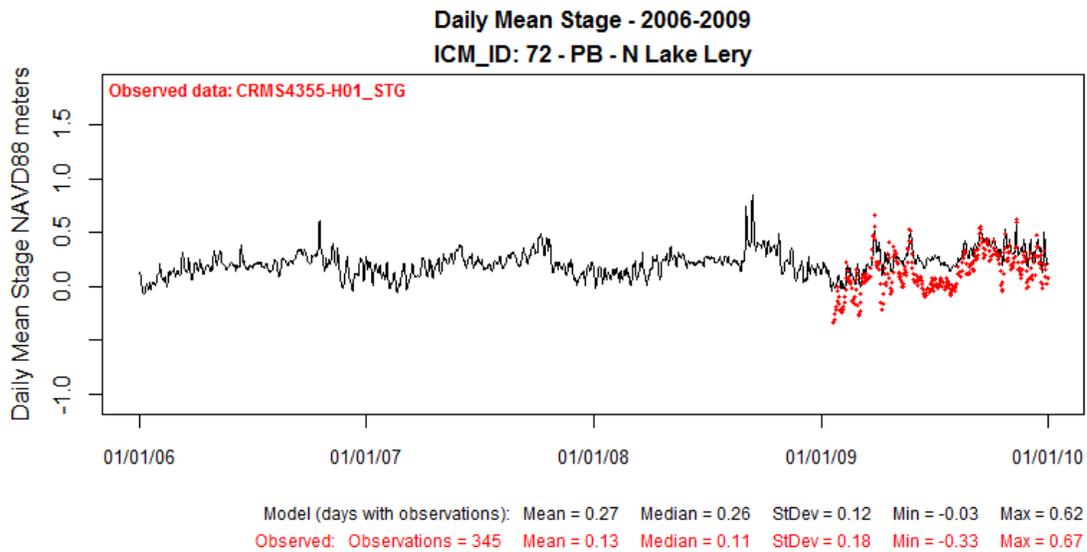


Figure 42: Modeled Stage at ICM Compartment 72 (solid black line) Compared to Observed Data at CRMS4355-H01 for Validation Period, 2006-2009.

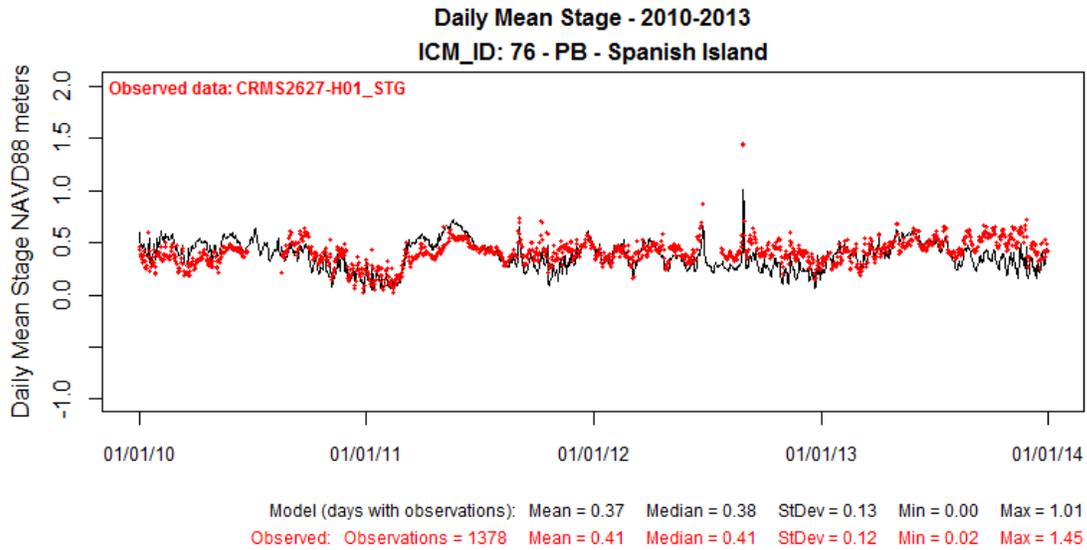


Figure 43: Modeled Stage at ICM Compartment 76 (solid black line) Compared to Observed Data at CRMS2627-H01 for Calibration Period, 2010-2013.

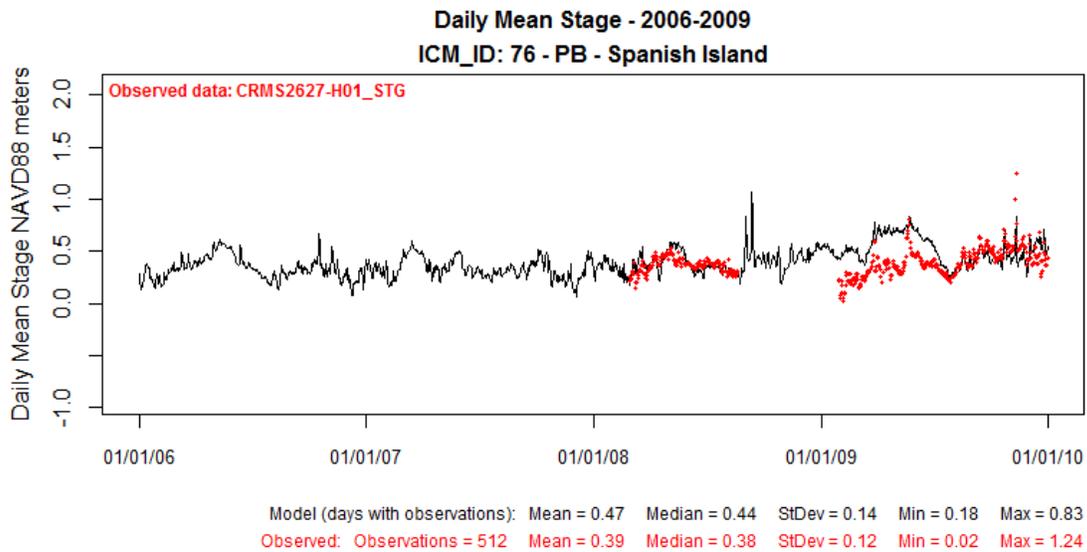


Figure 44: Modeled Stage at ICM Compartment 76 (solid black line) Compared to Observed Data at CRMS2627-H01 for Validation Period, 2006-2009.

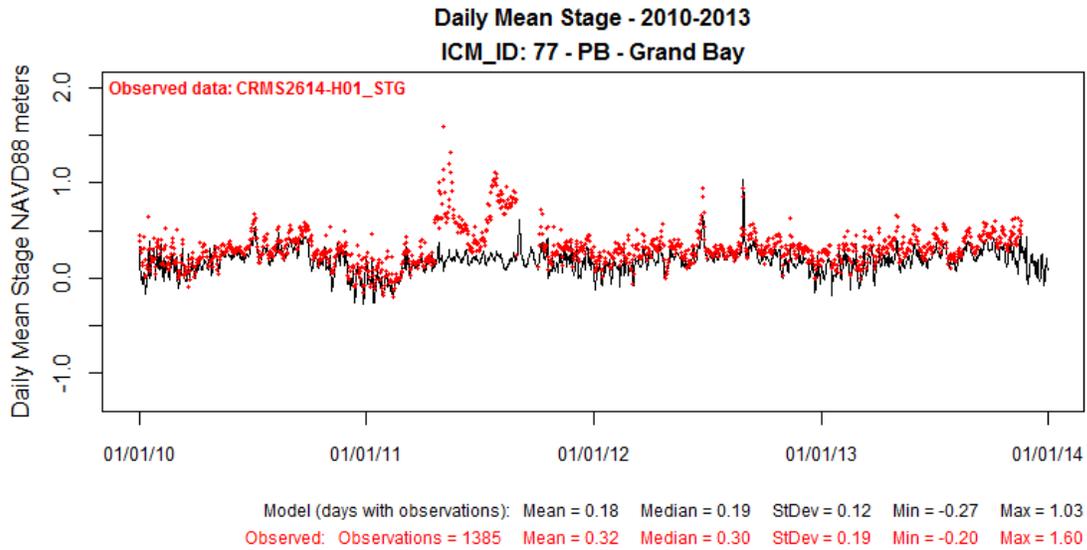


Figure 45: Modeled Stage at ICM Compartment 77 (solid black line) Compared to Observed Data at CRMS2614-H01 for Calibration Period, 2010-2013.

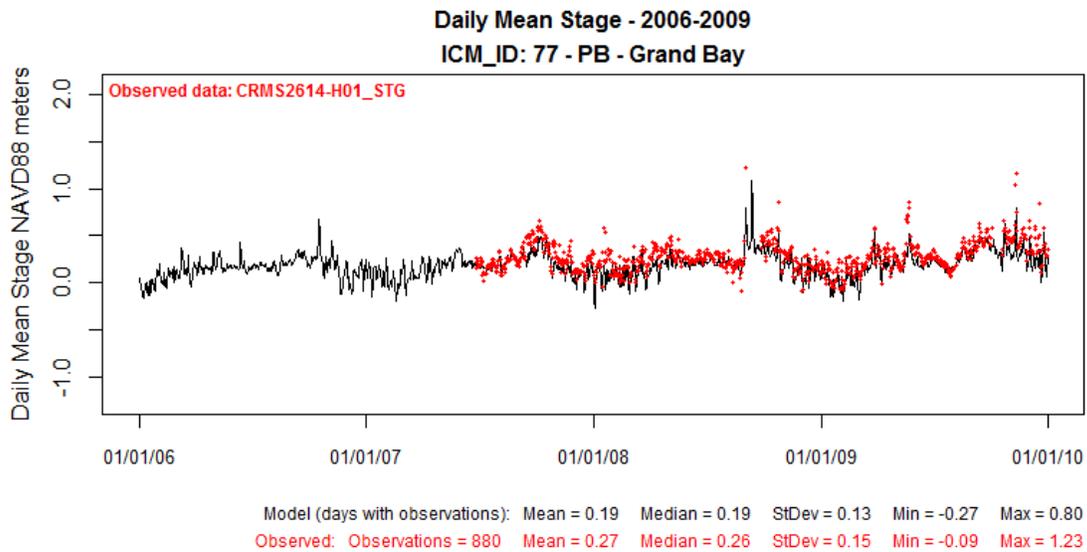


Figure 46: Modeled Stage at ICM Compartment 77 (solid black line) Compared to Observed Data at CRMS2614-H01 for Validation Period, 2006-2009.

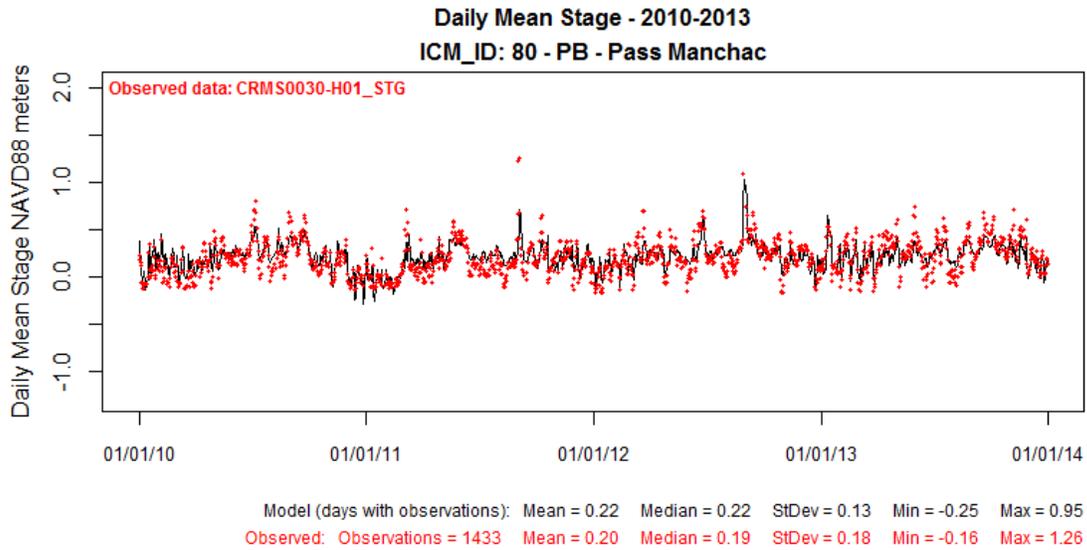


Figure 47: Modeled Stage at ICM Compartment 80 (solid black line) Compared to Observed Data at CRMS0030-H01 for Calibration Period, 2010-2013.

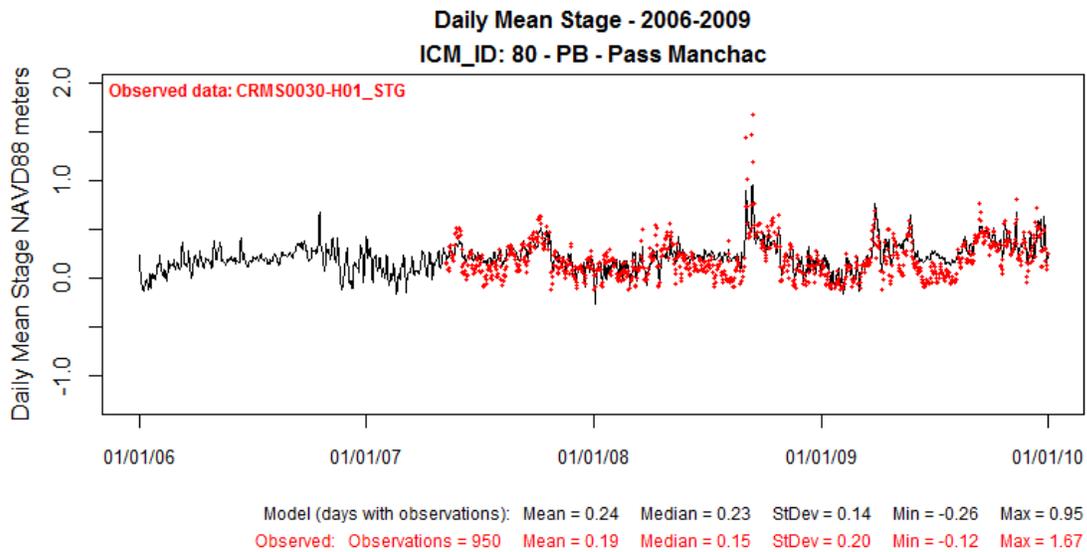


Figure 48: Modeled Stage at ICM Compartment 80 (solid black line) Compared to Observed Data at CRMS0030-H01 for Validation Period, 2006-2009.

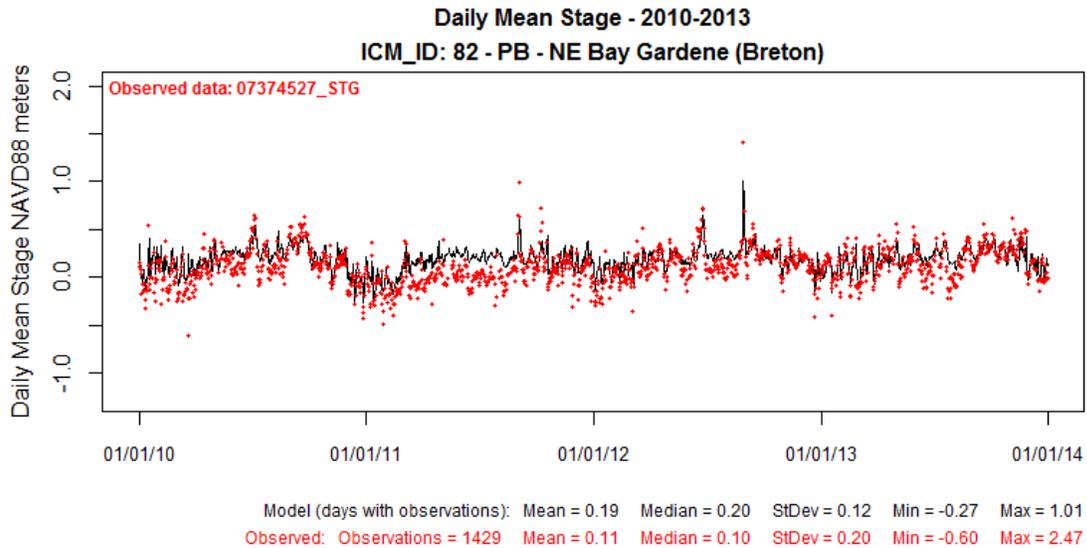


Figure 49: Modeled Stage at ICM Compartment 82 (solid black line) Compared to Observed Data at USGS07374527 for Calibration Period, 2010-2013.

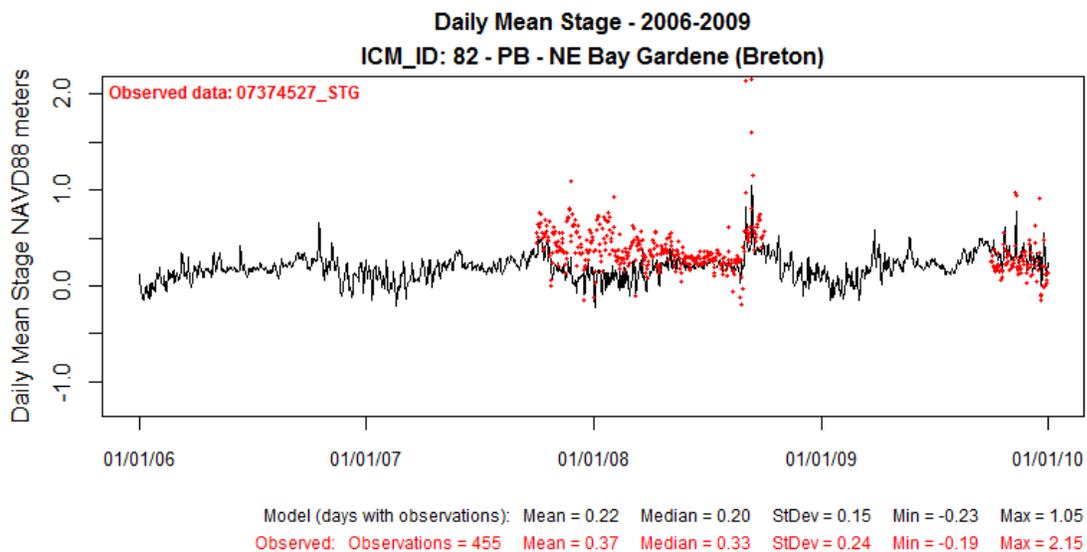


Figure 50: Modeled Stage at ICM Compartment 82 (solid black line) Compared to Observed Data at USGS07374527 for Validation Period, 2006-2009.

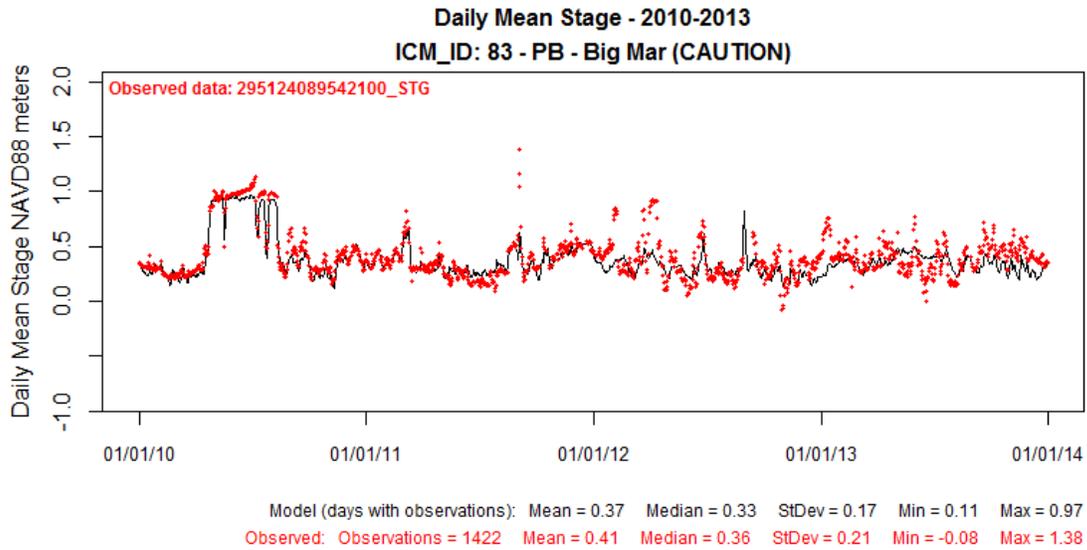


Figure 51: Modeled Stage at ICM Compartment 83 (solid black line) Compared to Observed Data at USGS295124089542100 for Calibration Period, 2010-2013.

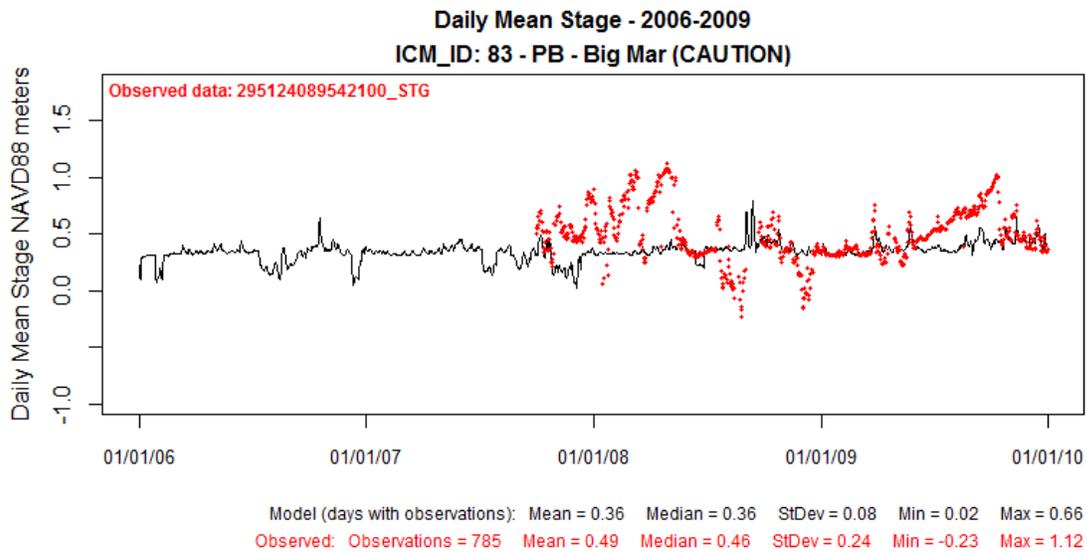


Figure 52: Modeled Stage at ICM Compartment 83 (solid black line) Compared to Observed Data at USGS295124089542100 for Validation Period, 2006-2009.

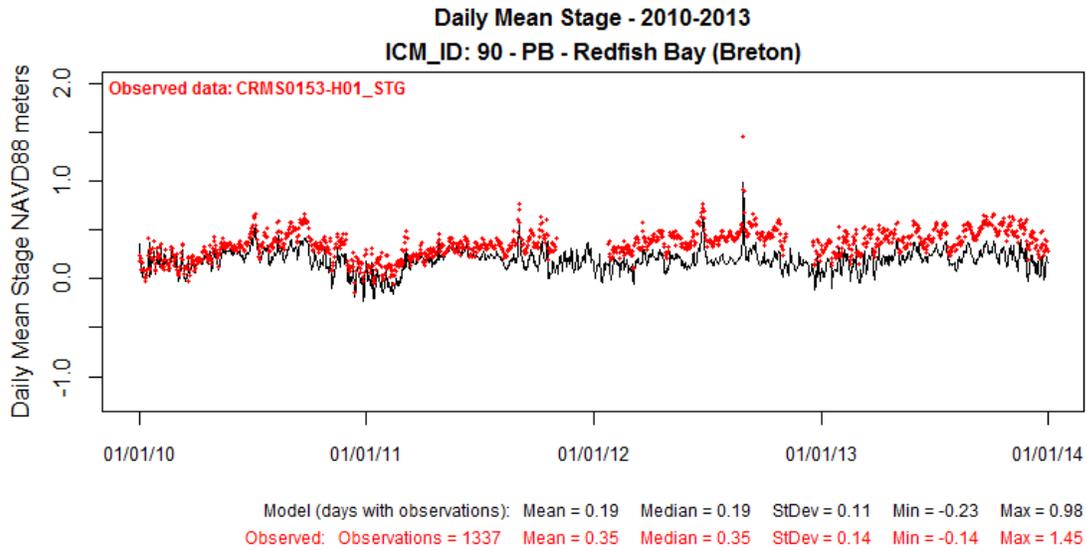


Figure 53: Modeled Stage at ICM Compartment 90 (solid black line) Compared to Observed Data at CRMS0153-H01 for Calibration Period, 2010-2013.

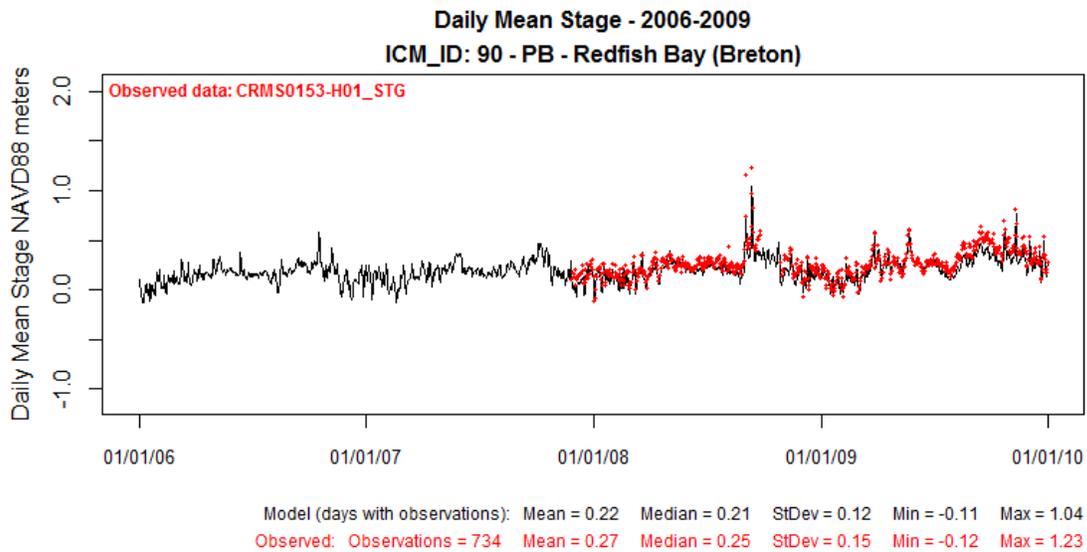


Figure 54: Modeled Stage at ICM Compartment 90 (solid black line) Compared to Observed Data at CRMS0153-H01 for Validation Period, 2006-2009.

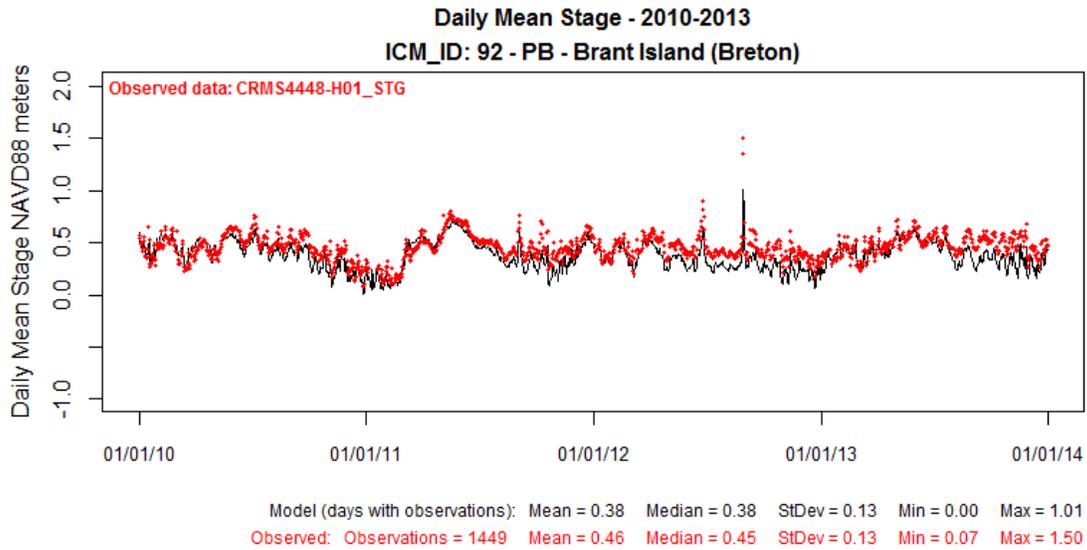


Figure 55: Modeled Stage at ICM Compartment 92 (solid black line) Compared to Observed Data at CRMS4448-H01 for Calibration Period, 2010-2013.

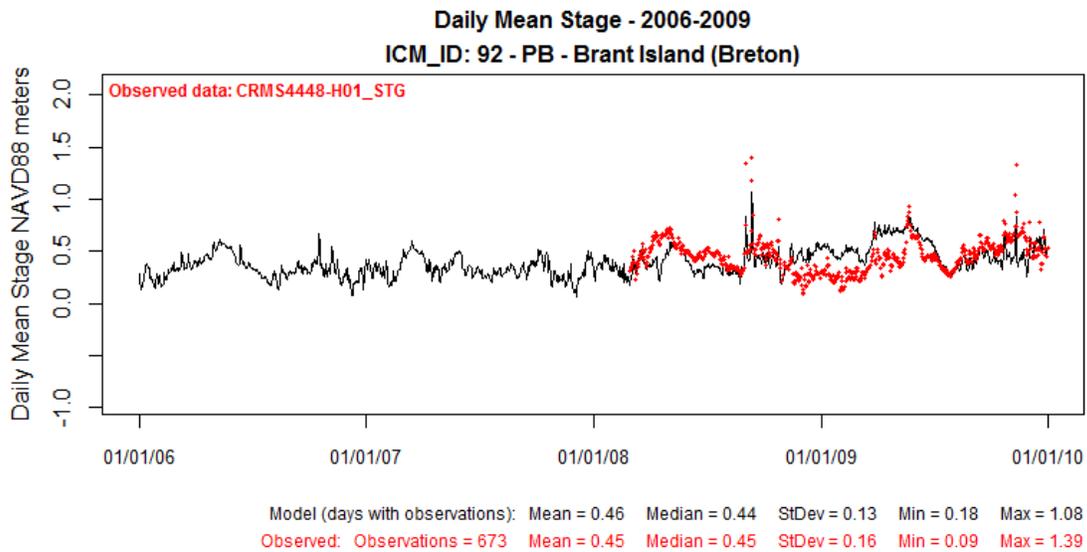


Figure 56: Modeled Stage at ICM Compartment 92 (solid black line) Compared to Observed Data at CRMS4448-H01 for Validation Period, 2006-2009.

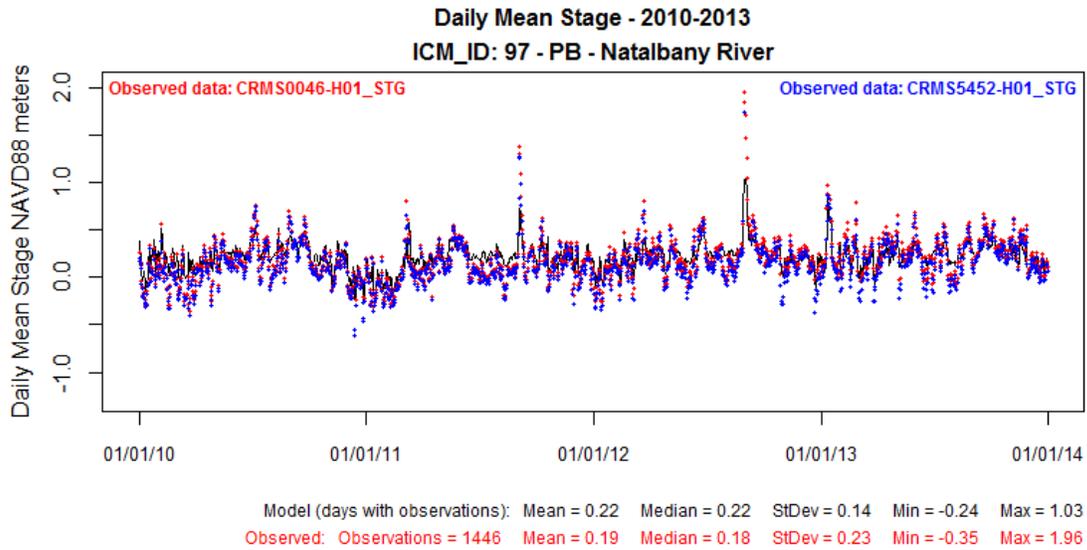


Figure 57: Modeled Stage at ICM Compartment 97 (solid black line) Compared to Observed Data at CRMS0046-H01 for Calibration Period, 2010-2013.

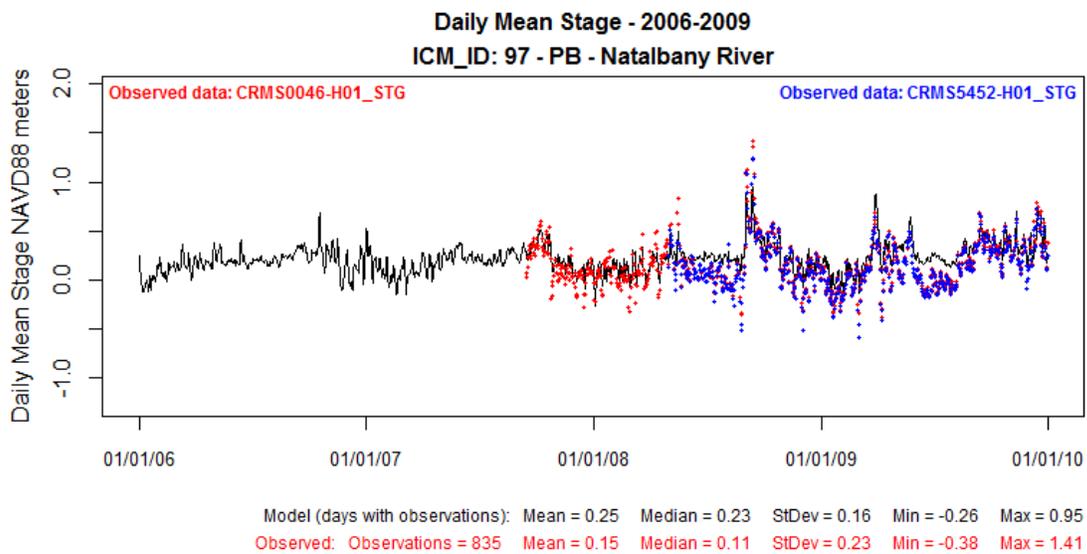


Figure 58: Modeled Stage at ICM Compartment 97 (solid black line) Compared to Observed Data at CRMS0046-H01 for Validation Period, 2006-2009.

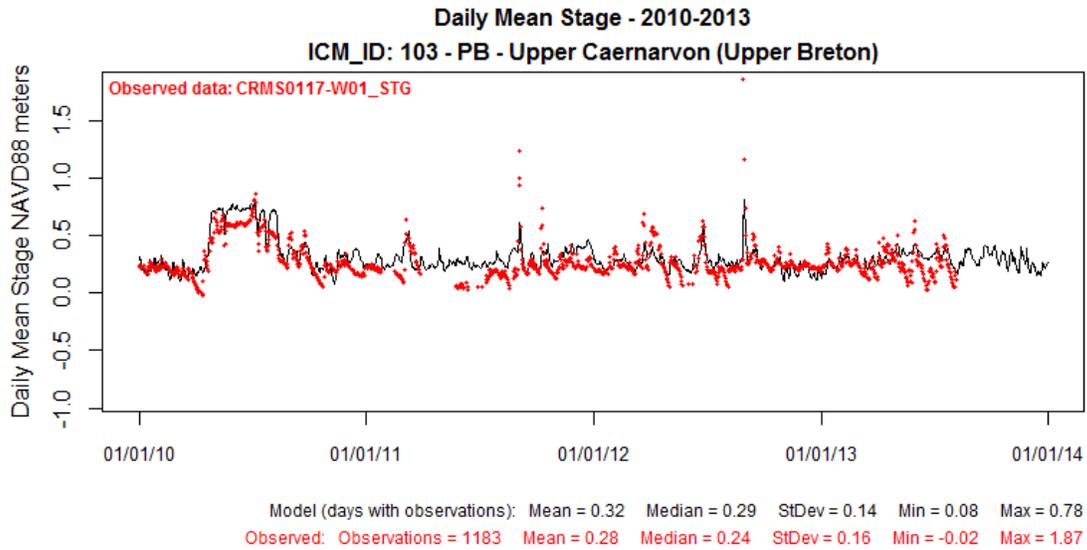


Figure 59: Modeled Stage at ICM Compartment 103 (solid black line) Compared to Observed Data at CRMS0117-W01 for Calibration Period, 2010-2013.

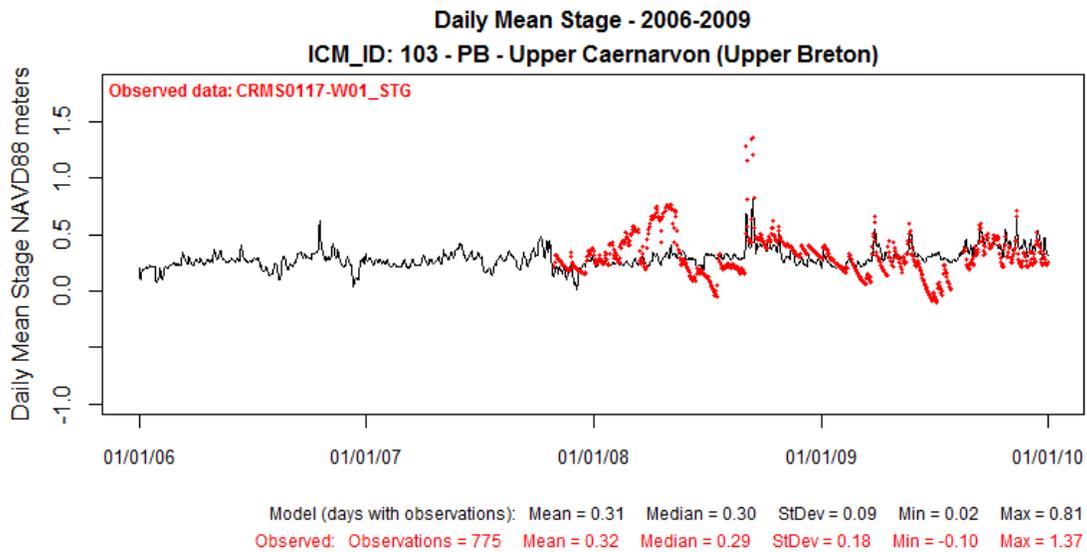


Figure 60: Modeled Stage at ICM Compartment 103 (solid black line) Compared to Observed Data at CRMS0117-W01 for Validation Period, 2006-2009.

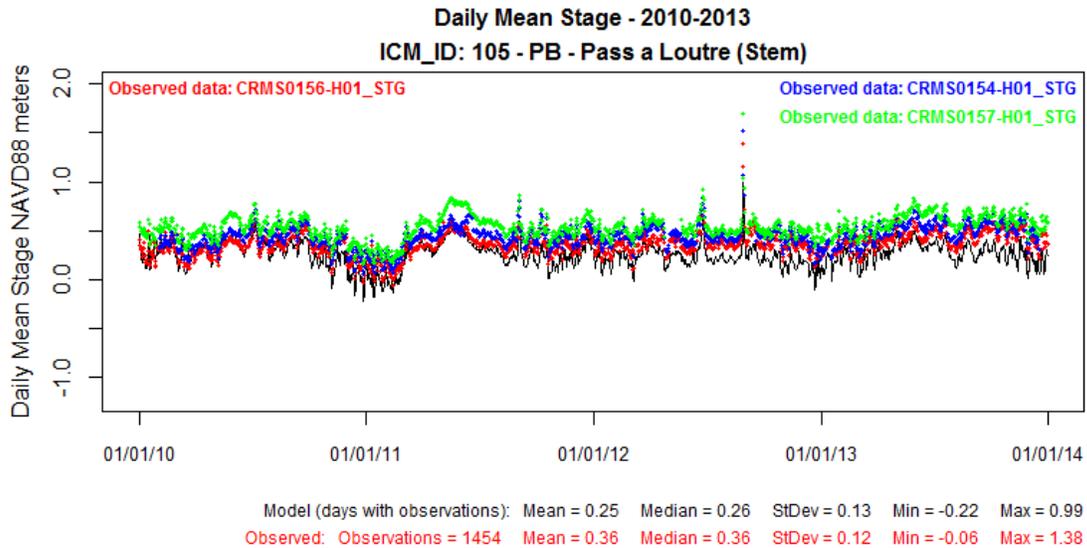


Figure 61: Modeled Stage at ICM Compartment 105 (solid black line) Compared to Observed Data at CRMS0156-H01 for Calibration Period, 2010-2013.

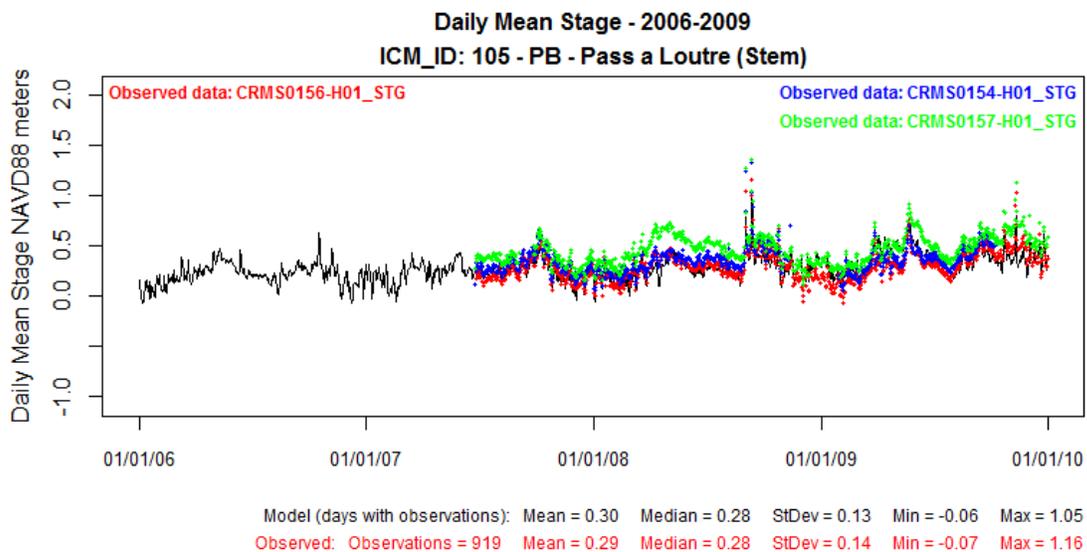


Figure 62: Modeled Stage at ICM Compartment 105 (solid black line) Compared to Observed Data at CRMS0156-H01 for Validation Period, 2006-2009.

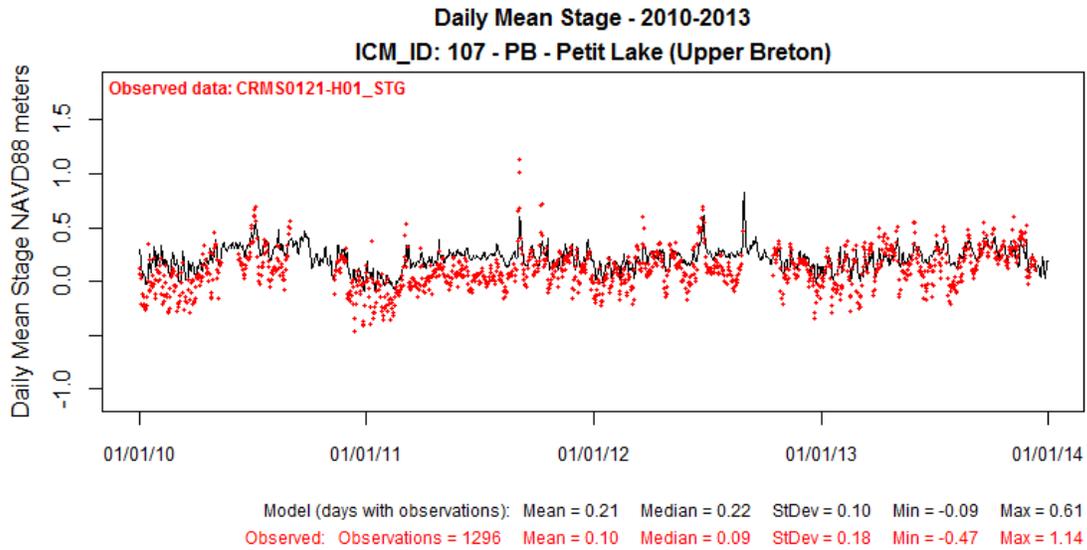


Figure 63: Modeled Stage at ICM Compartment 107 (solid black line) Compared to Observed Data at CRMS0121-H01 for Calibration Period, 2010-2013.

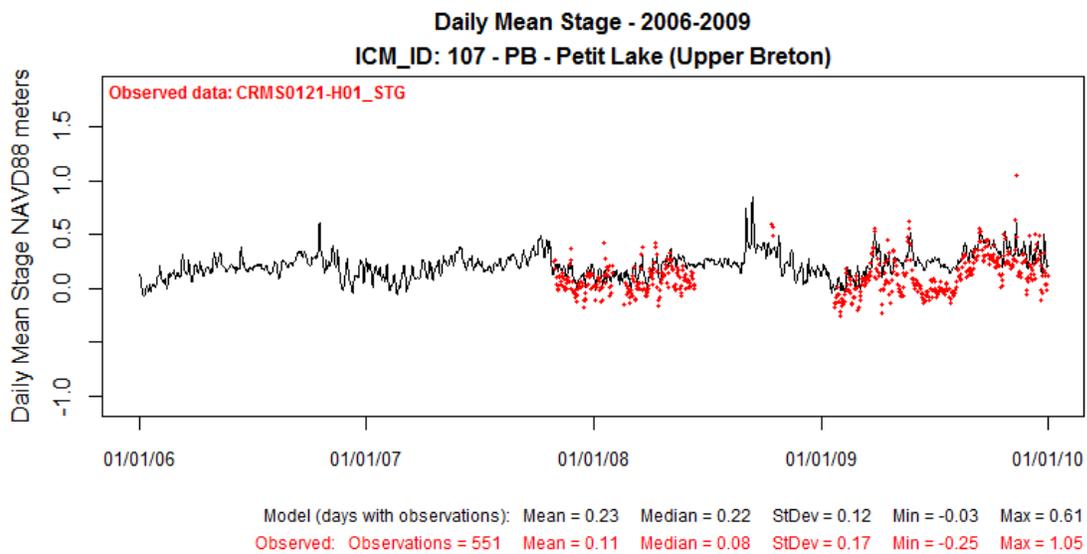


Figure 64: Modeled Stage at ICM Compartment 107 (solid black line) Compared to Observed Data at CRMS0121-H01 for Validation Period, 2006-2009.

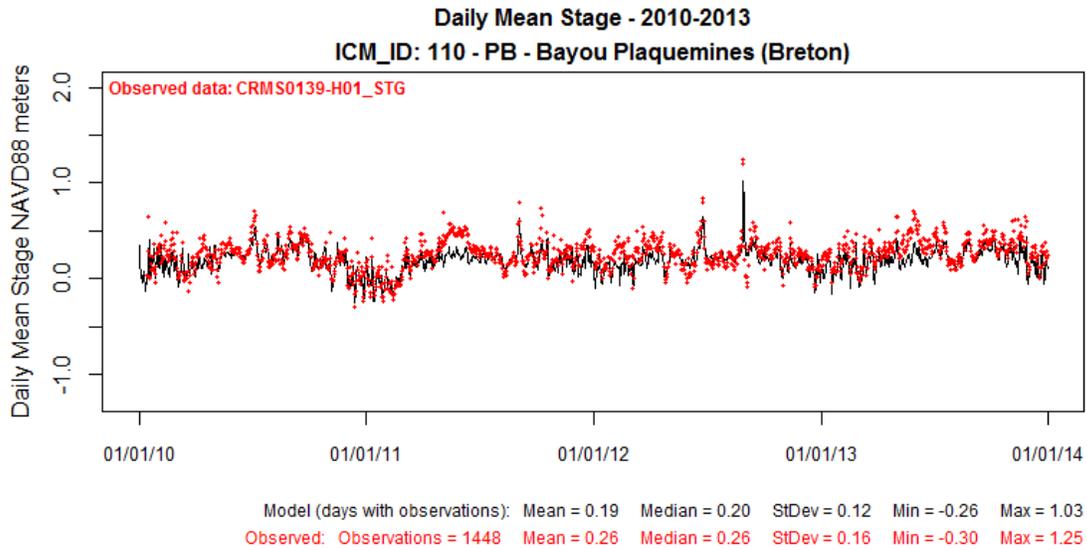


Figure 65: Modeled Stage at ICM Compartment 110 (solid black line) Compared to Observed Data at CRMS0139-H01 for Calibration Period, 2010-2013.

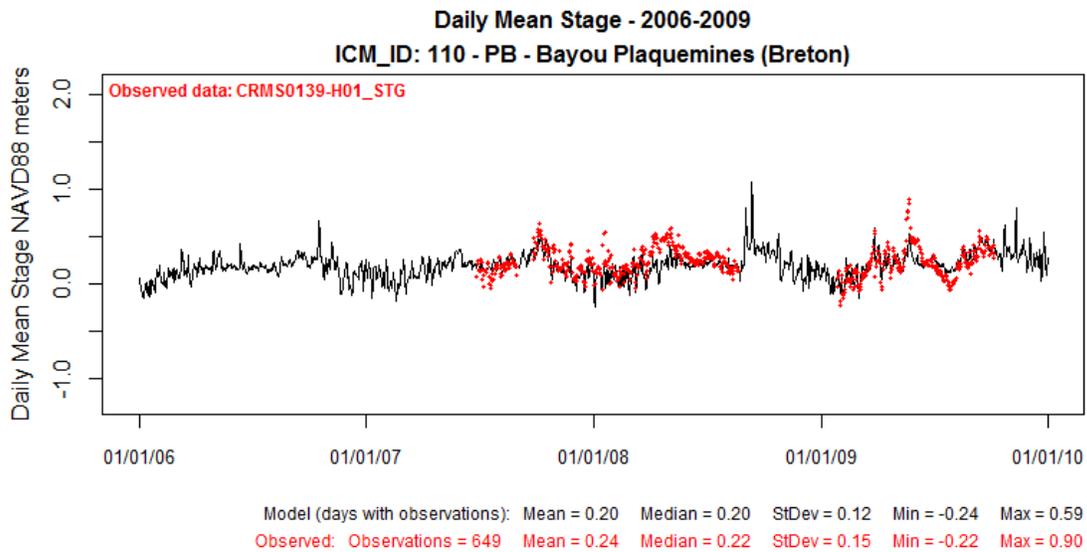


Figure 66: Modeled Stage at ICM Compartment 110 (solid black line) Compared to Observed Data at CRMS0139-H01 for Validation Period, 2006-2009.

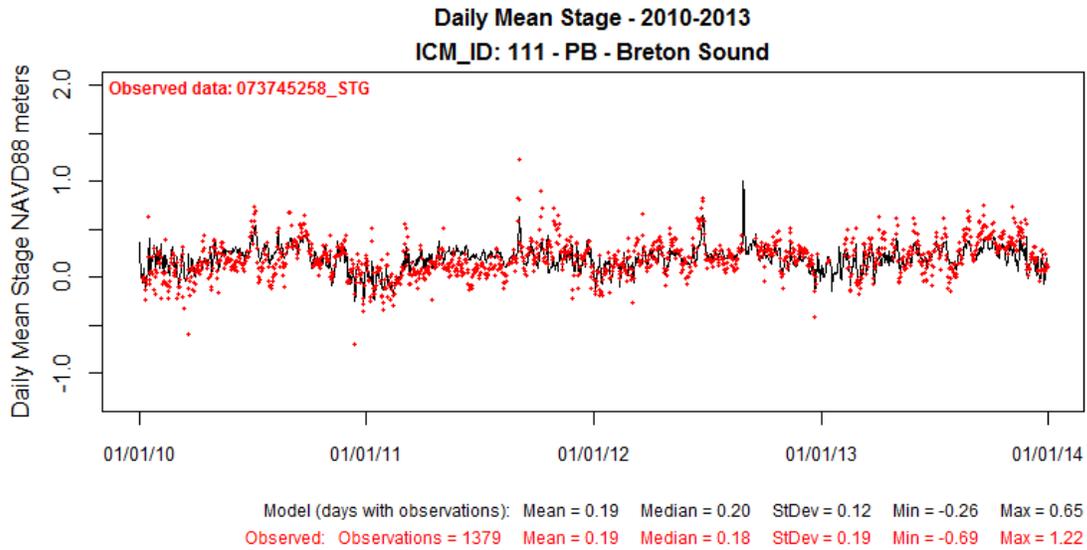


Figure 67: Modeled Stage at ICM Compartment 111 (solid black line) Compared to Observed Data at USGS073745258 for Calibration Period, 2010-2013.

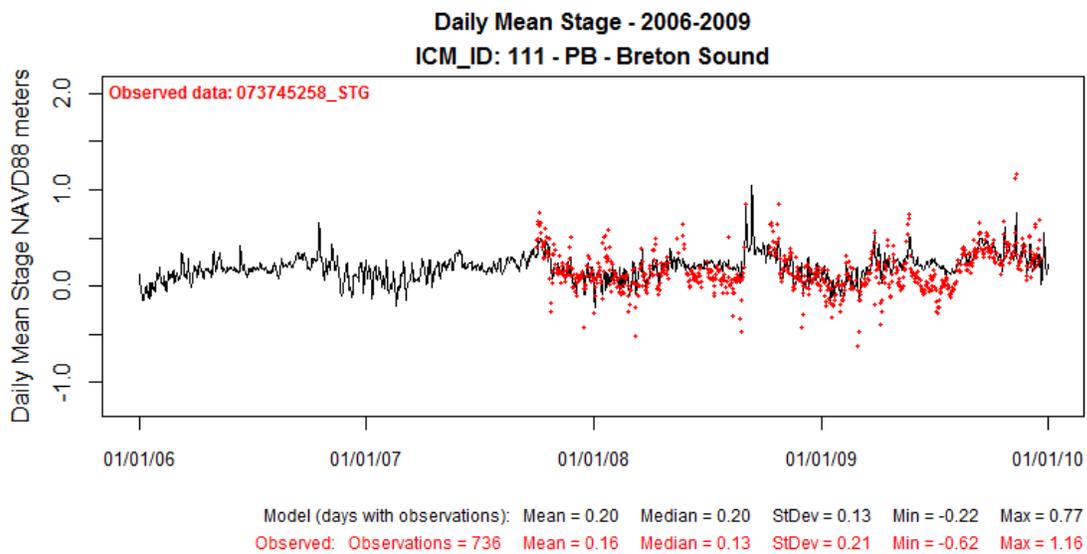


Figure 68: Modeled Stage at ICM Compartment 111 (solid black line) Compared to Observed Data at USGS073745258 for Validation Period, 2006-2009.

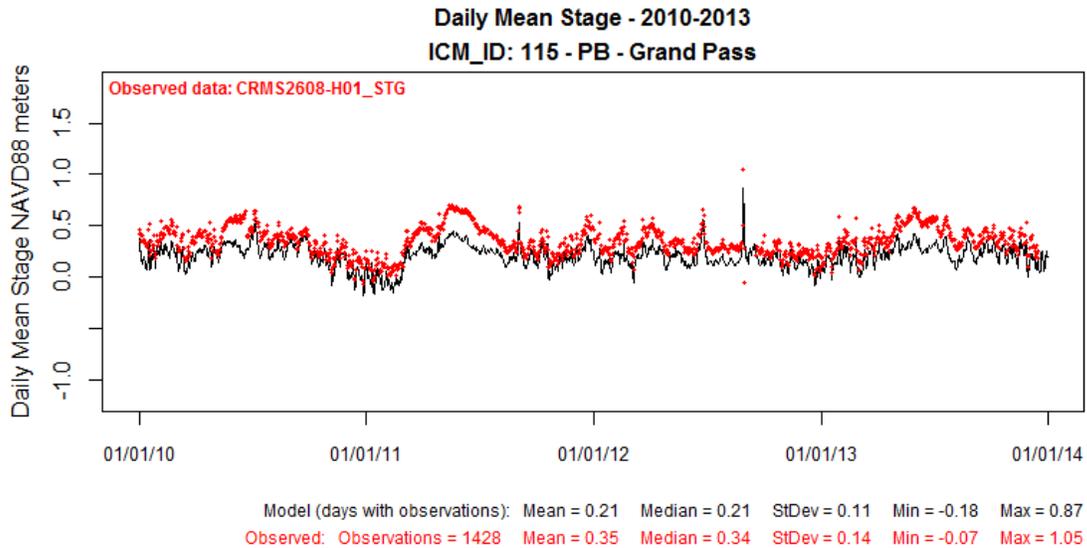


Figure 69: Modeled Stage at ICM Compartment 115 (solid black line) Compared to Observed Data at CRMS2608-H01 for Calibration Period, 2010-2013.

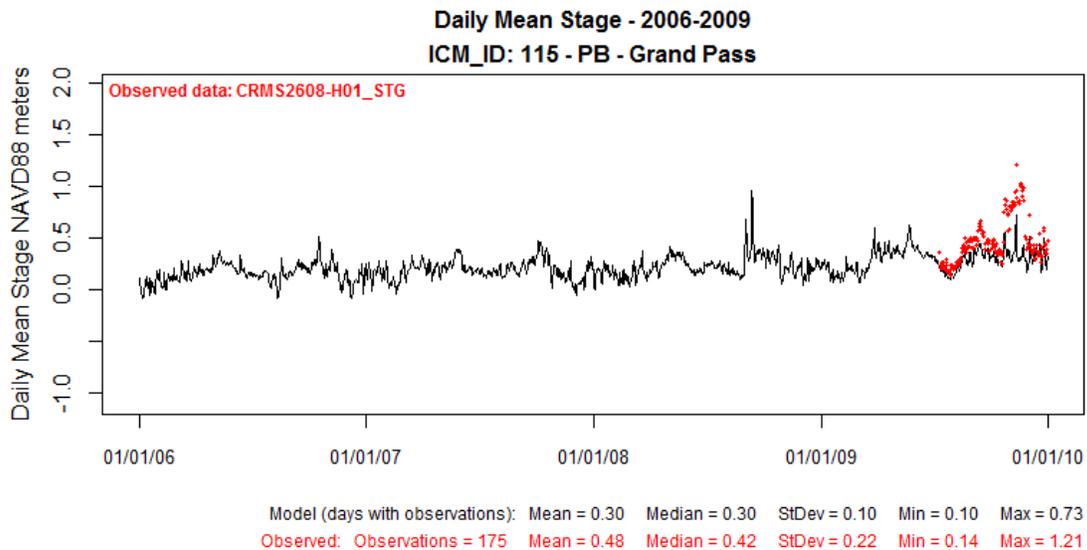


Figure 70: Modeled Stage at ICM Compartment 115 (solid black line) Compared to Observed Data at CRMS2608-H01 for Validation Period, 2006-2009.

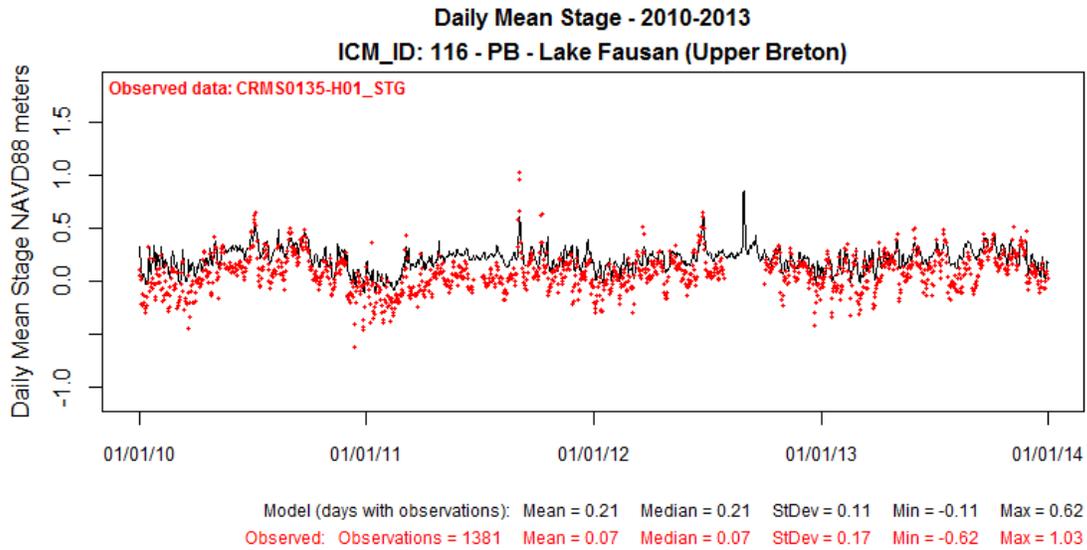


Figure 71: Modeled Stage at ICM Compartment 116 (solid black line) Compared to Observed Data at CRMS0135-H01 for Calibration Period, 2010-2013.

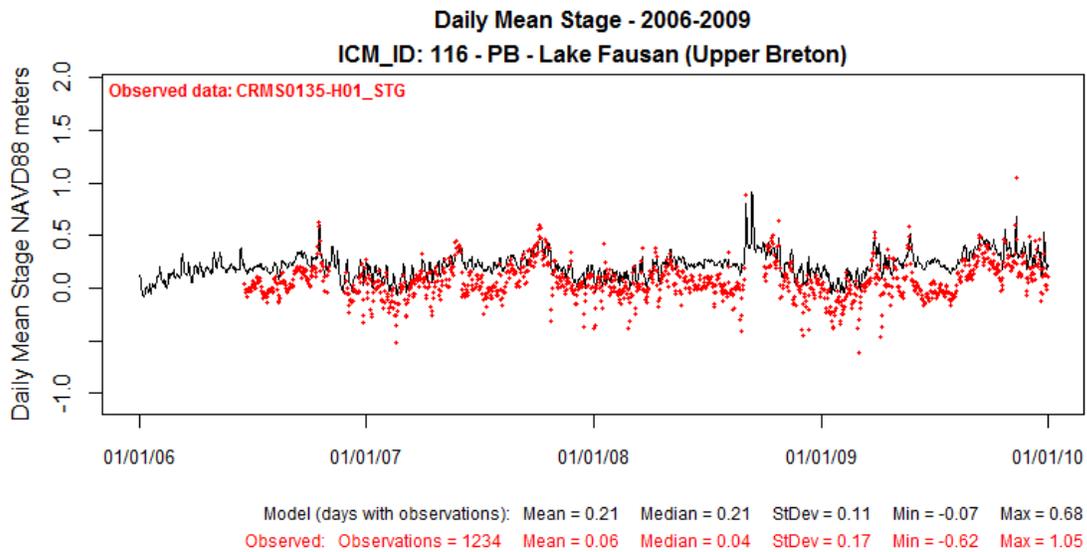


Figure 72: Modeled Stage at ICM Compartment 116 (solid black line) Compared to Observed Data at CRMS0135-H01 for Validation Period, 2006-2009.

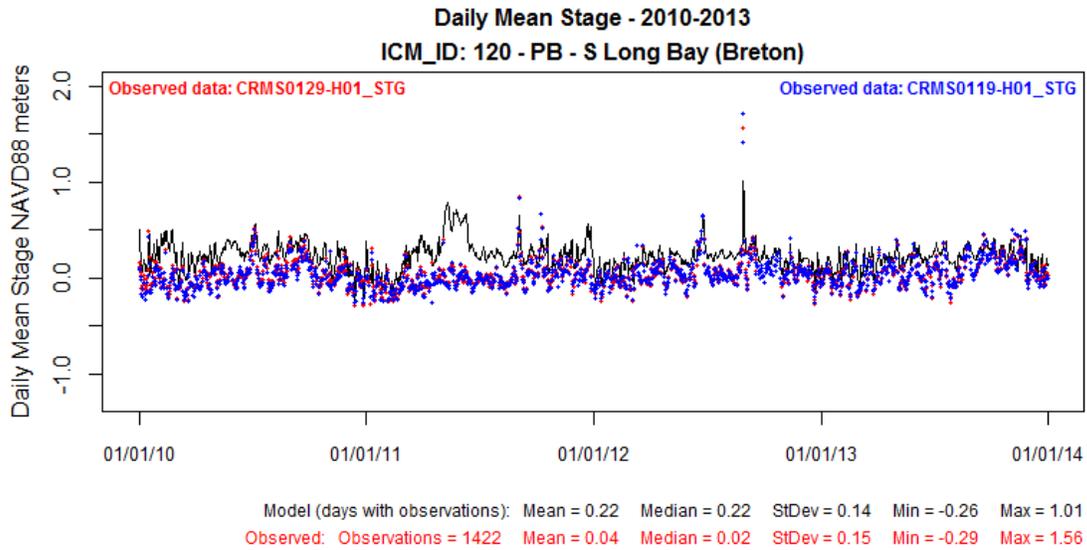


Figure 73: Modeled Stage at ICM Compartment 120 (solid black line) Compared to Observed Data at CRMS0129-H01 for Calibration Period, 2010-2013.

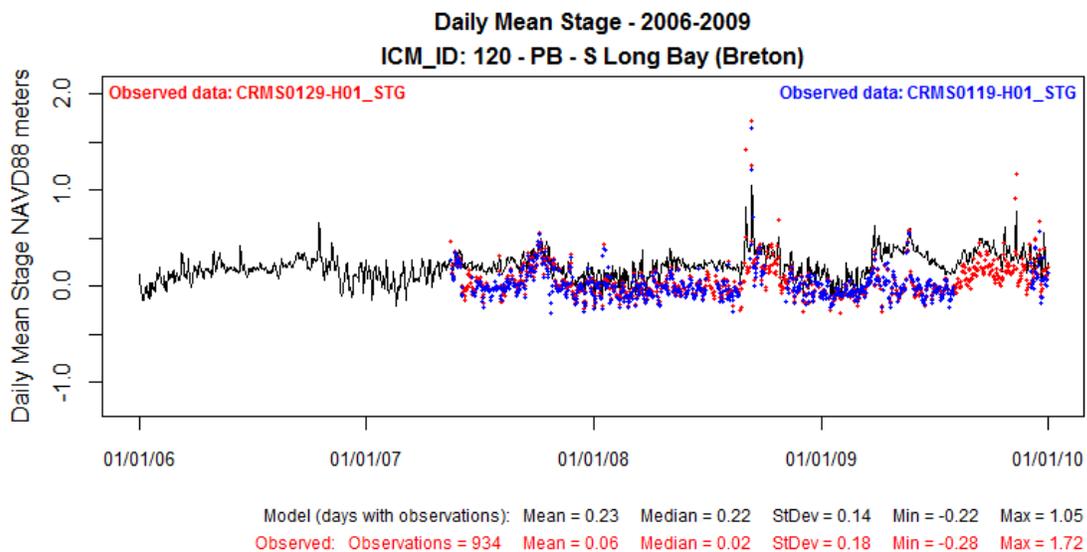


Figure 74: Modeled Stage at ICM Compartment 120 (solid black line) Compared to Observed Data at CRMS0129-H01 for Validation Period, 2006-2009.

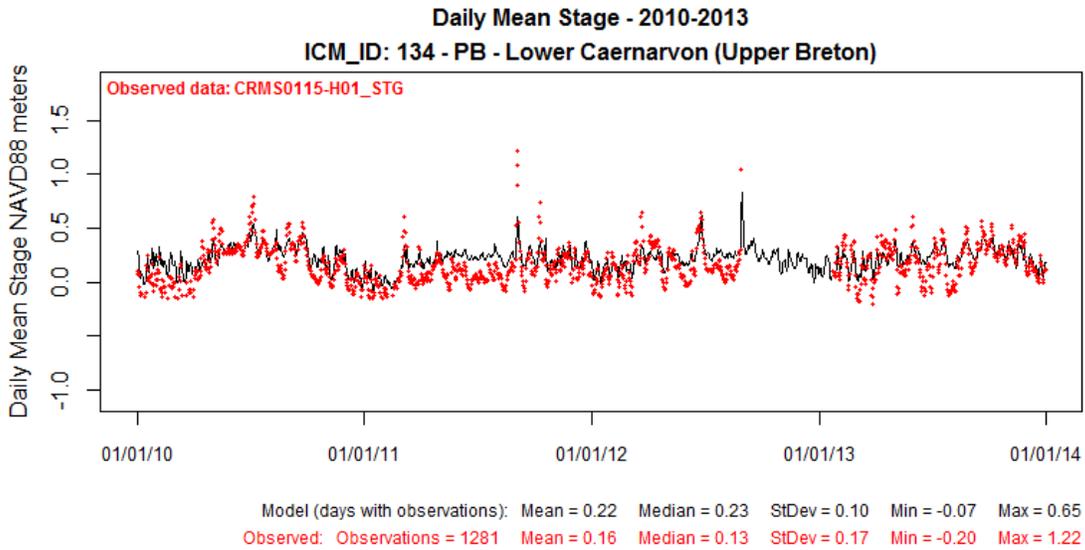


Figure 75: Modeled Stage at ICM Compartment 134 (solid black line) Compared to Observed Data at CRMS0115-H01 for Calibration Period, 2010-2013.

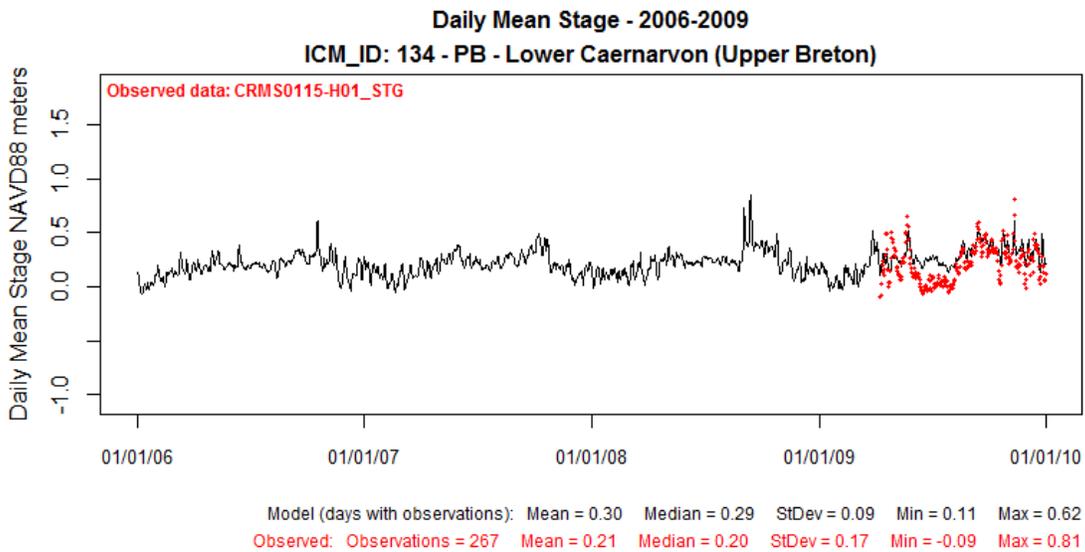


Figure 76: Modeled Stage at ICM Compartment 134 (solid black line) Compared to Observed Data at CRMS0115-H01 for Validation Period, 2006-2009.

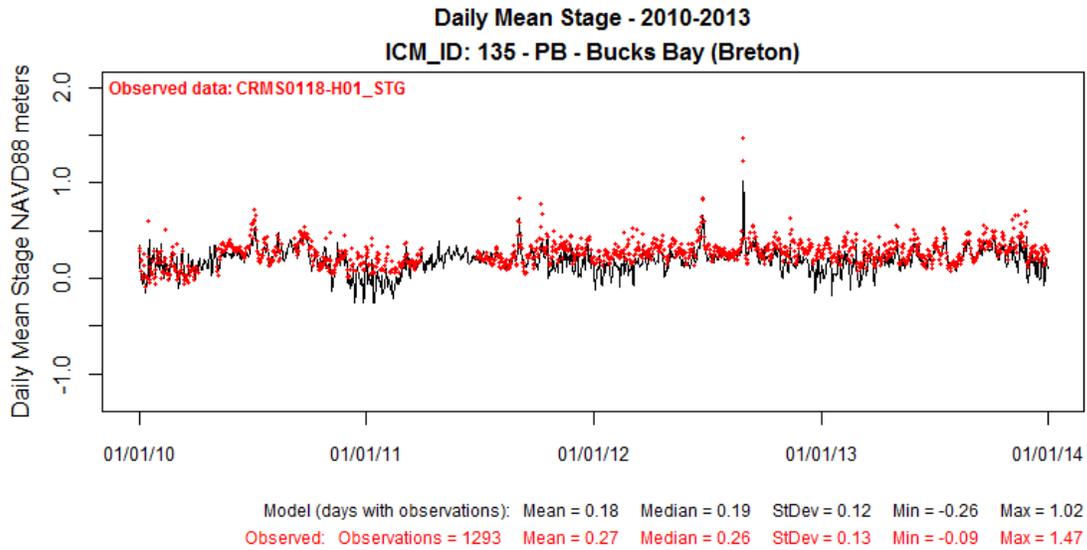


Figure 77: Modeled Stage at ICM Compartment 135 (solid black line) Compared to Observed Data at CRMS0118-H01 for Calibration Period, 2010-2013.

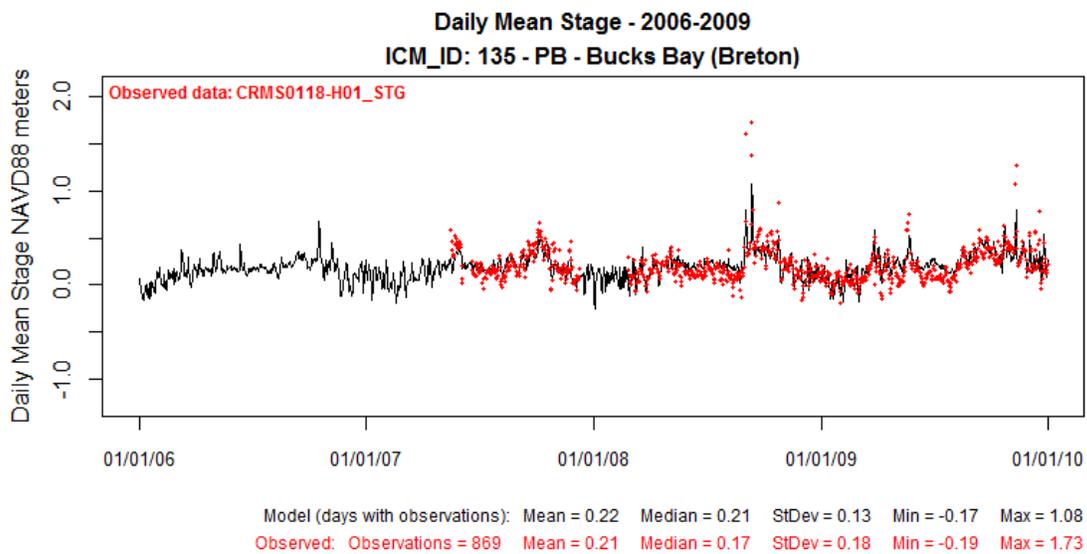


Figure 78: Modeled Stage at ICM Compartment 135 (solid black line) Compared to Observed Data at CRMS0118-H01 for Validation Period, 2006-2009.

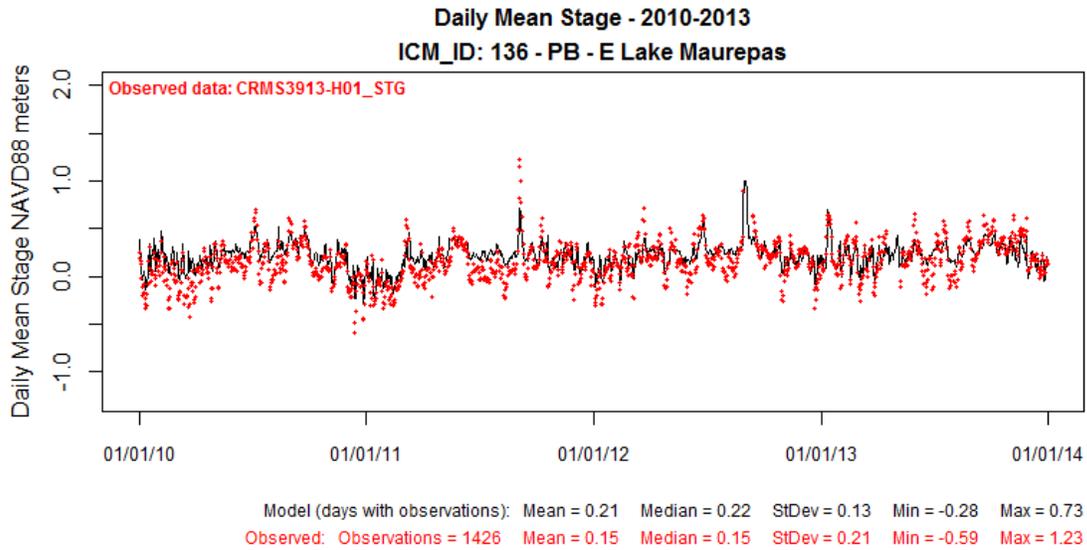


Figure 79: Modeled Stage at ICM Compartment 136 (solid black line) Compared to Observed Data at CRMS3913-H01 for Calibration Period, 2010-2013.

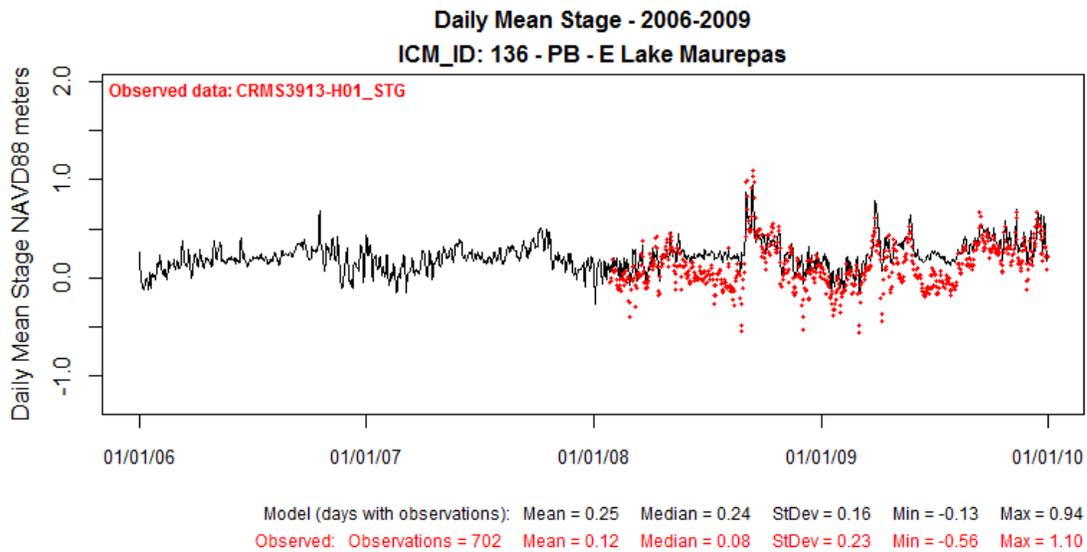


Figure 80: Modeled Stage at ICM Compartment 136 (solid black line) Compared to Observed Data at CRMS3913-H01 for Validation Period, 2006-2009.

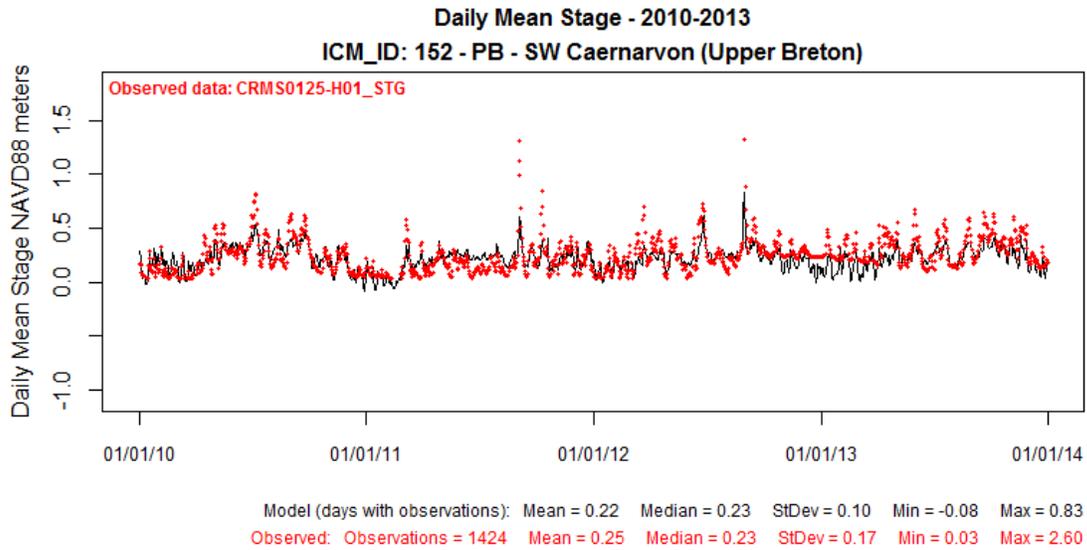


Figure 81: Modeled Stage at ICM Compartment 152 (solid black line) Compared to Observed Data at CRMS0125-H01 for Calibration Period, 2010-2013.

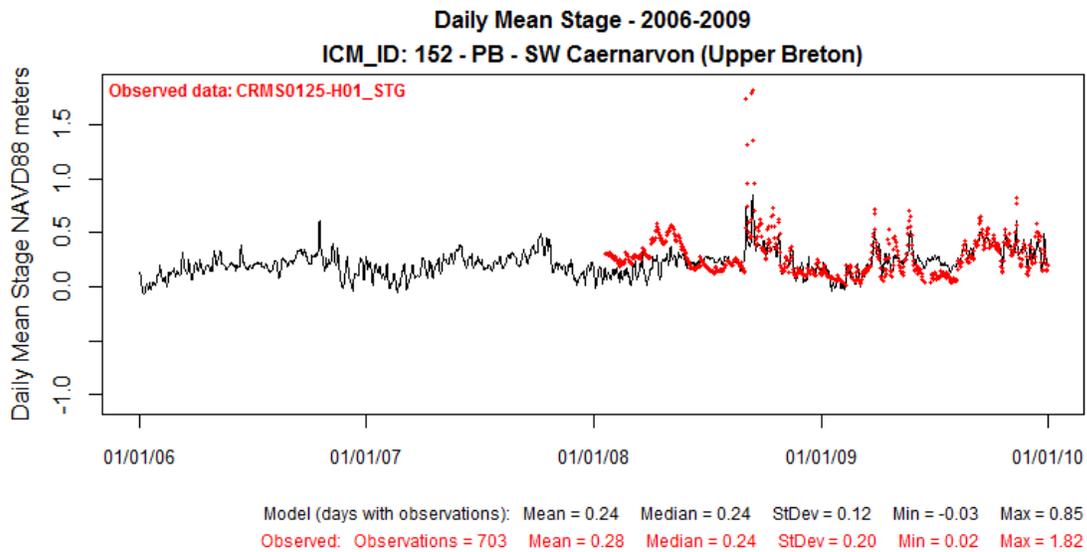


Figure 82: Modeled Stage at ICM Compartment 152 (solid black line) Compared to Observed Data at CRMS0125-H01 for Validation Period, 2006-2009.

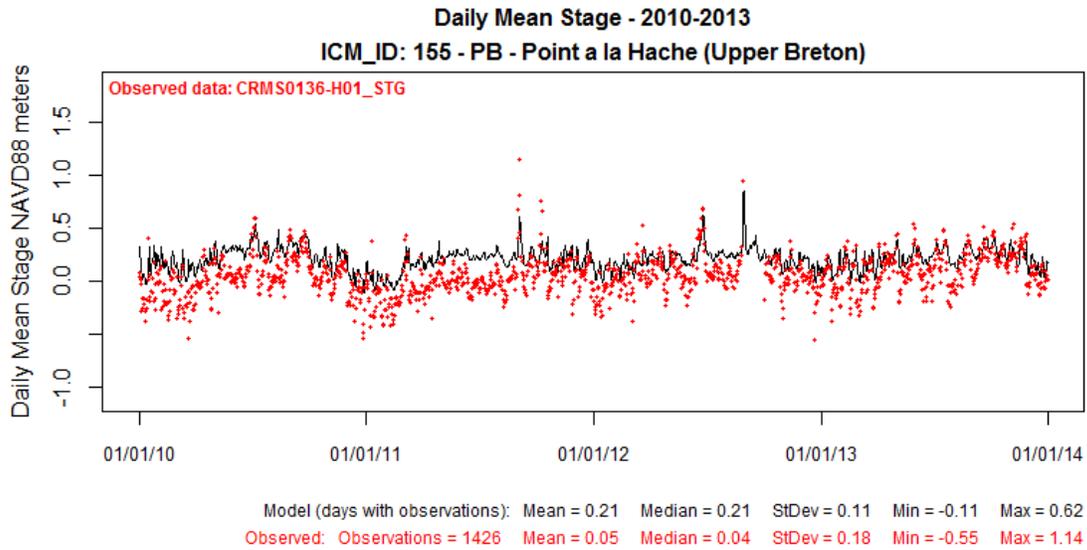


Figure 83: Modeled Stage at ICM Compartment 155 (solid black line) Compared to Observed Data at CRMS0136-H01 for Calibration Period, 2010-2013.

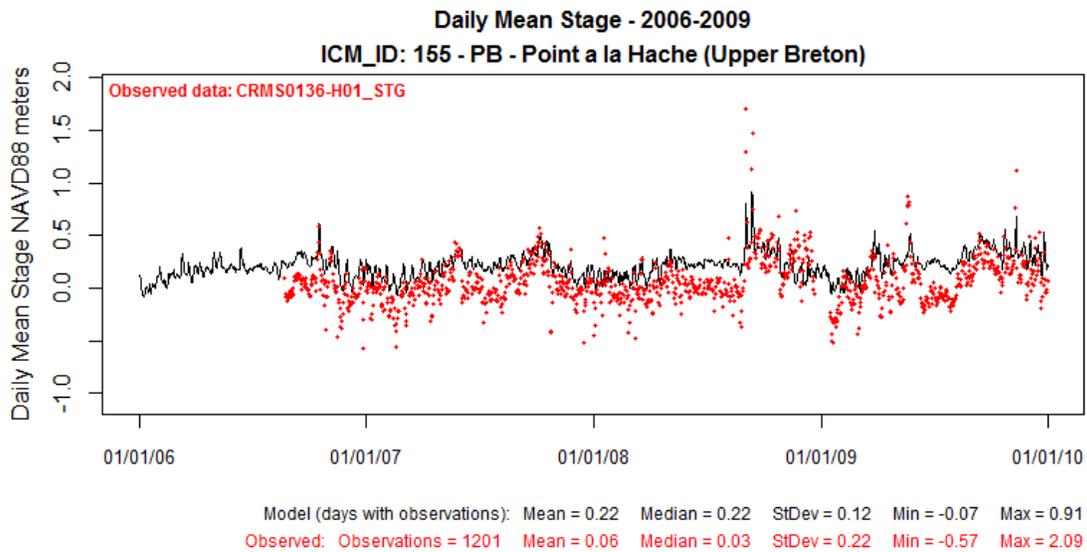


Figure 84: Modeled Stage at ICM Compartment 155 (solid black line) Compared to Observed Data at CRMS0136-H01 for Validation Period, 2006-2009.

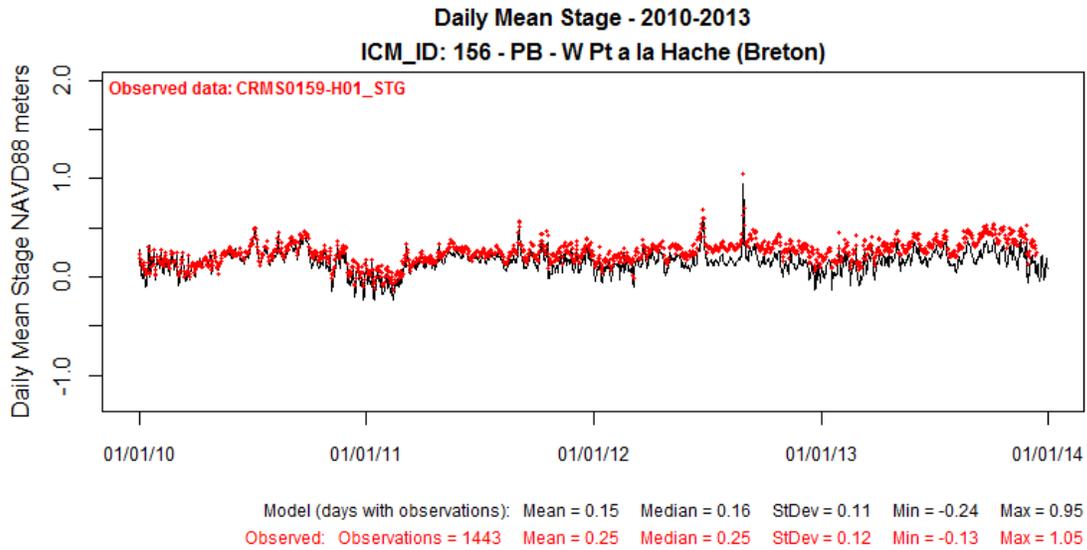


Figure 85: Modeled Stage at ICM Compartment 156 (solid black line) Compared to Observed Data at CRMS0159-H01 for Calibration Period, 2010-2013.

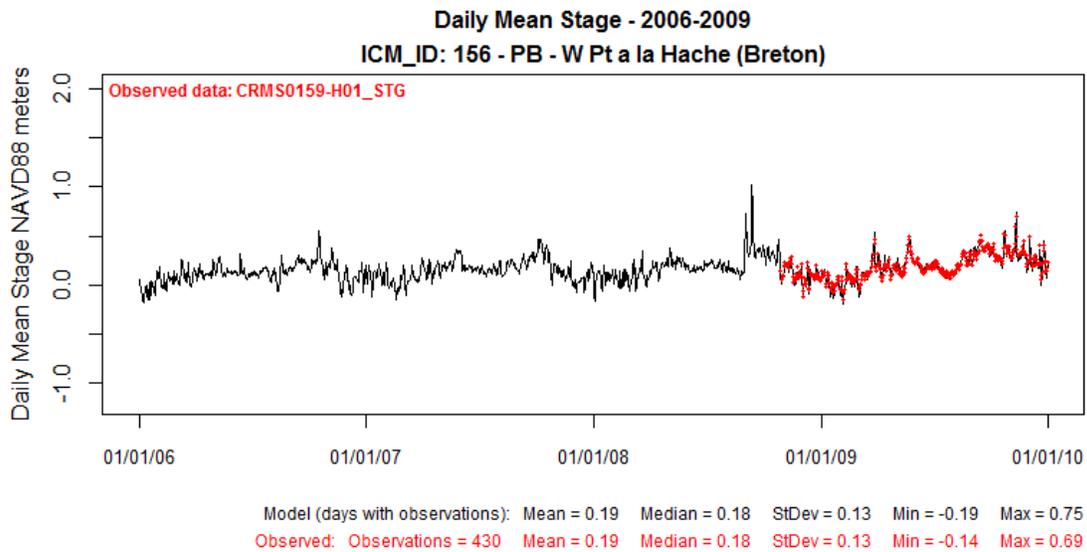


Figure 86: Modeled Stage at ICM Compartment 156 (solid black line) Compared to Observed Data at CRMS0159-H01 for Validation Period, 2006-2009.

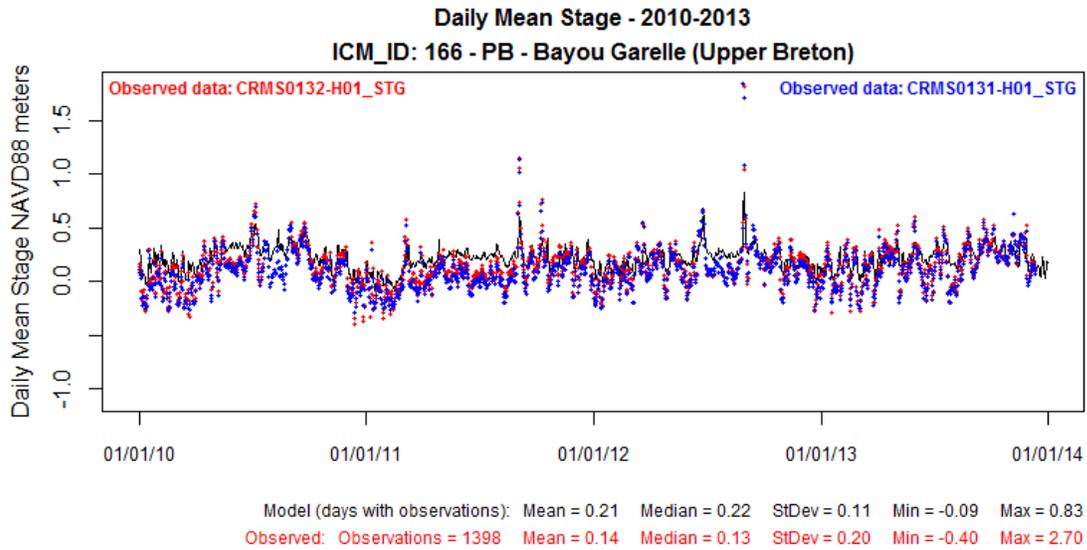


Figure 87: Modeled Stage at ICM Compartment 166 (solid black line) Compared to Observed Data at CRMS0132-H01 for Calibration Period, 2010-2013.

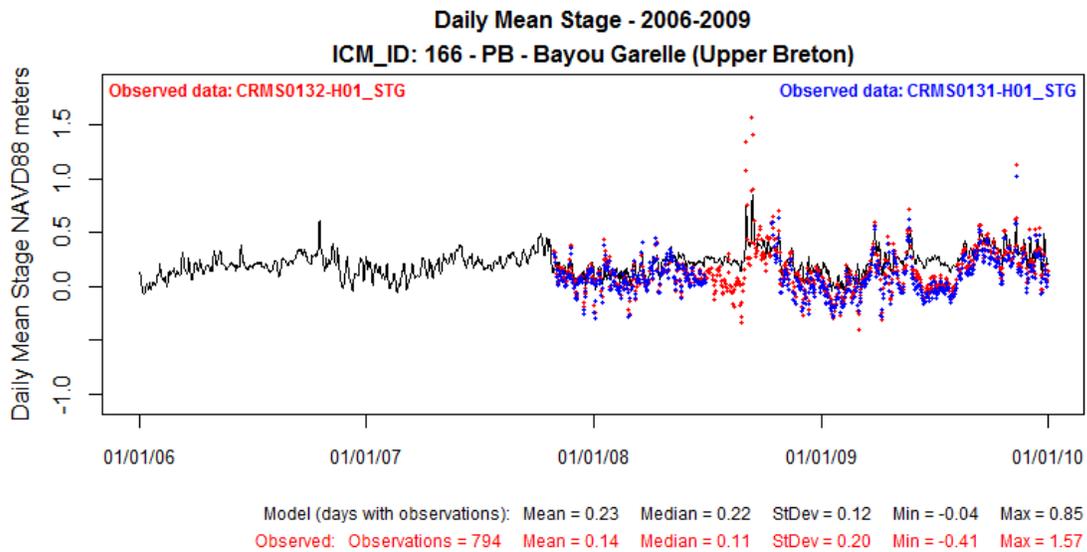


Figure 88: Modeled Stage at ICM Compartment 166 (solid black line) Compared to Observed Data at CRMS0132-H01 for Validation Period, 2006-2009.

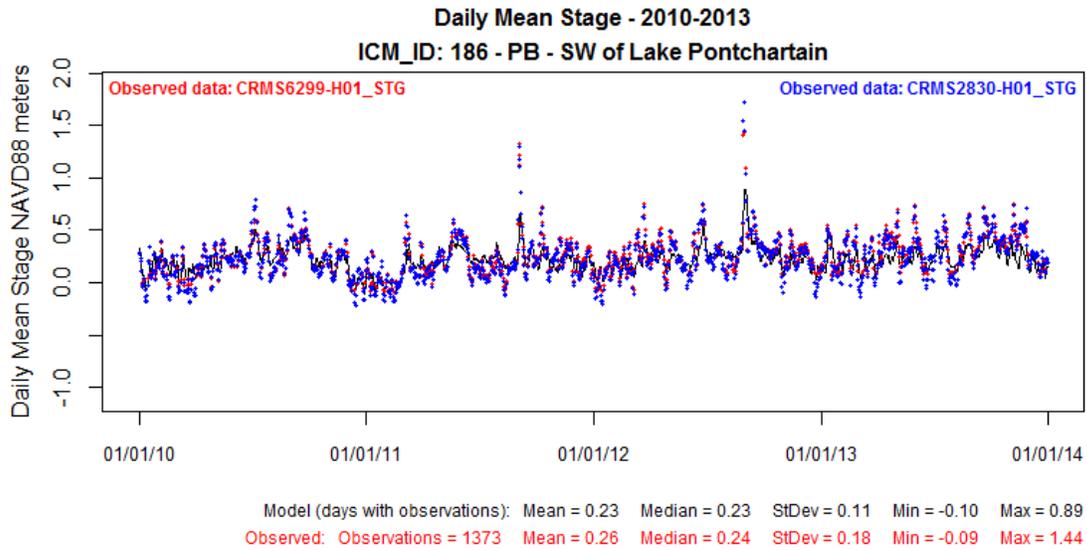


Figure 89: Modeled Stage at ICM Compartment 186 (solid black line) Compared to Observed Data at CRMS6299-H01 for Calibration Period, 2010-2013.

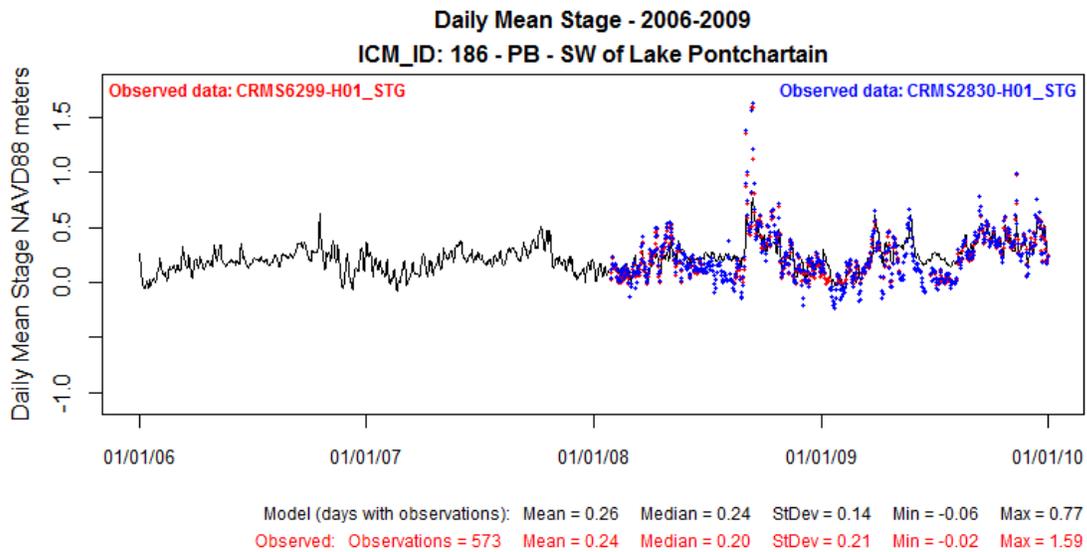


Figure 90: Modeled Stage at ICM Compartment 186 (solid black line) Compared to Observed Data at CRMS6299-H01 for Validation Period, 2006-2009.

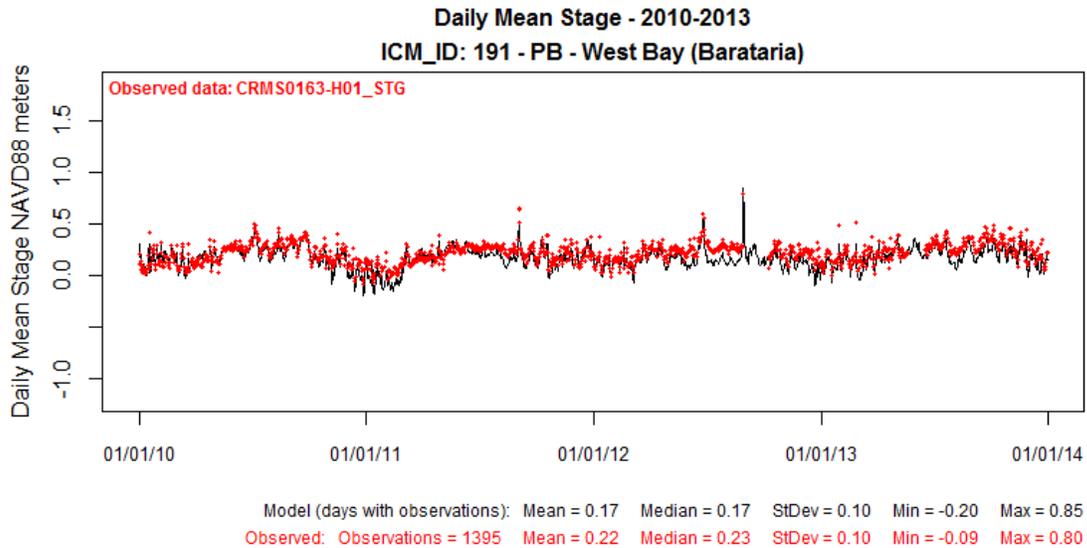


Figure 91: Modeled Stage at ICM Compartment 191 (solid black line) Compared to Observed Data at CRMS0163-H01 for Calibration Period, 2010-2013.

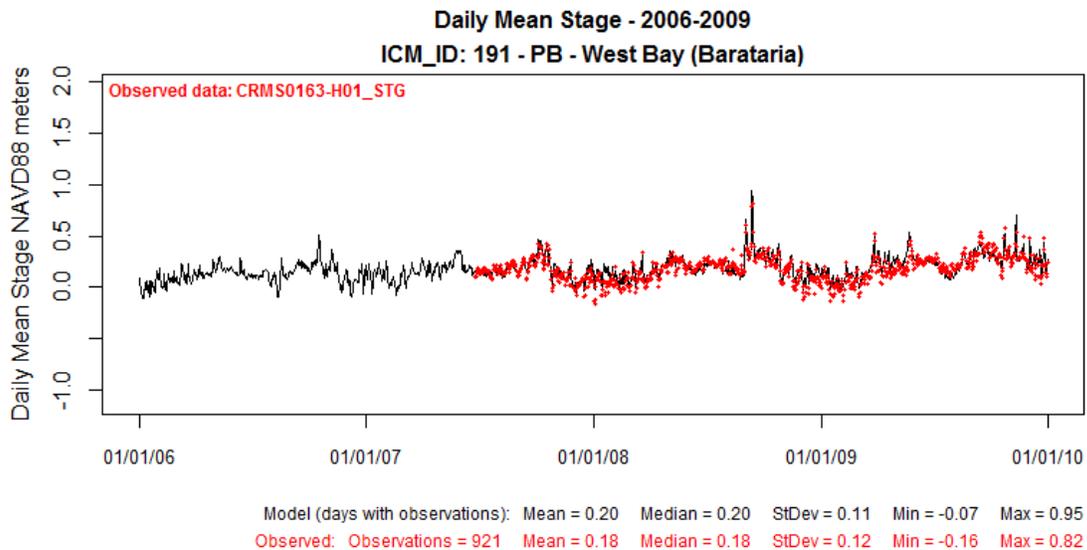


Figure 92: Modeled Stage at ICM Compartment 191 (solid black line) Compared to Observed Data at CRMS0163-H01 for Validation Period, 2006-2009.

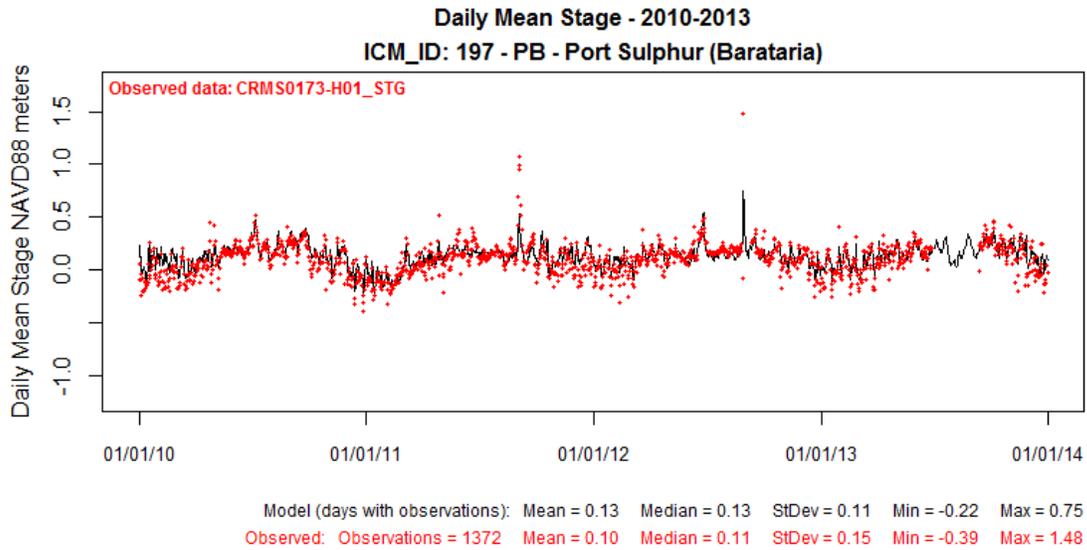


Figure 93: Modeled Stage at ICM Compartment 197 (solid black line) Compared to Observed Data at CRMS0173-H01 for Calibration Period, 2010-2013.

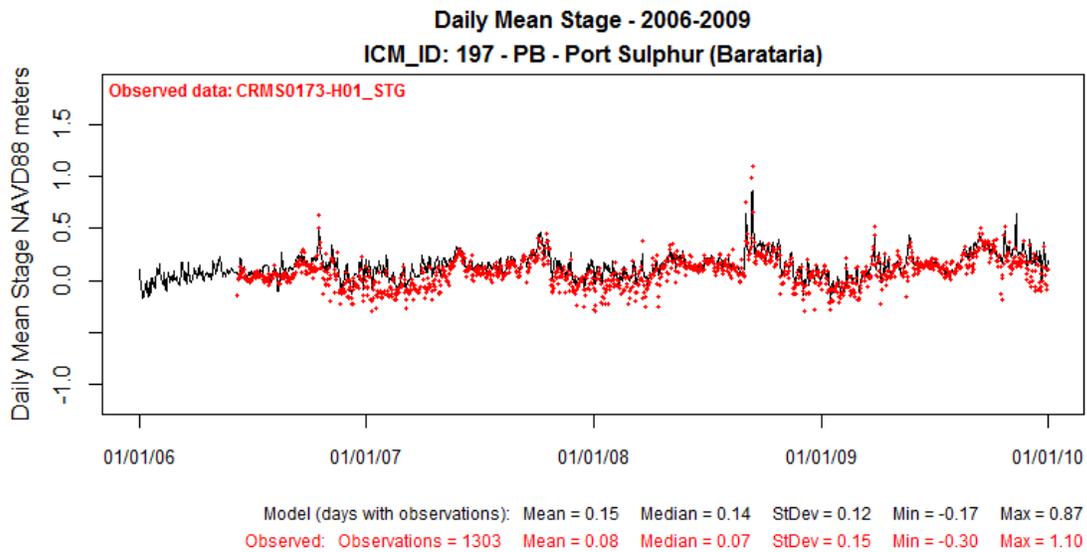


Figure 94: Modeled Stage at ICM Compartment 197 (solid black line) Compared to Observed Data at CRMS0173-H01 for Validation Period, 2006-2009.

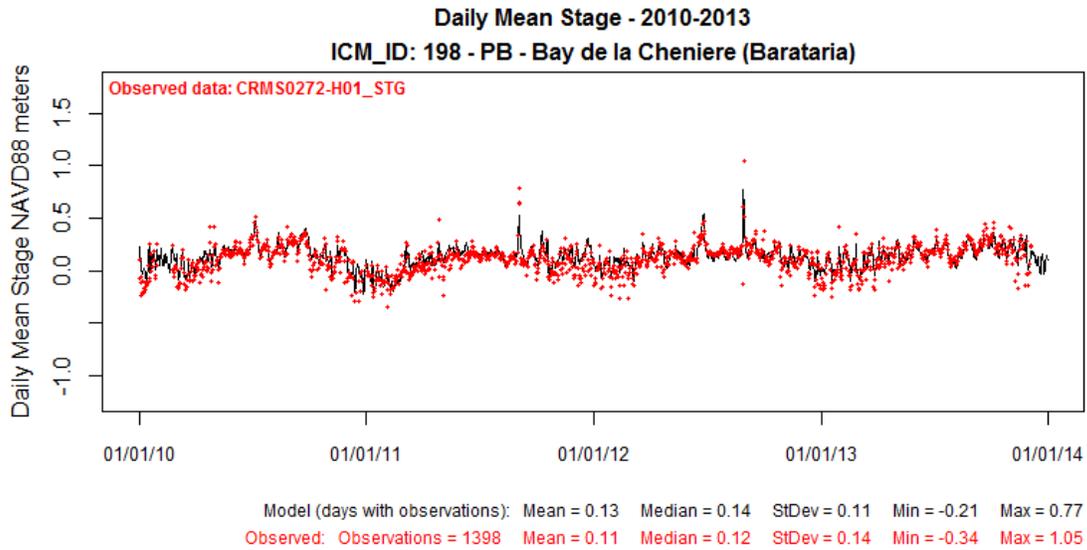


Figure 95: Modeled Stage at ICM Compartment 198 (solid black line) Compared to Observed Data at CRMS0272-H01 for Calibration Period, 2010-2013.

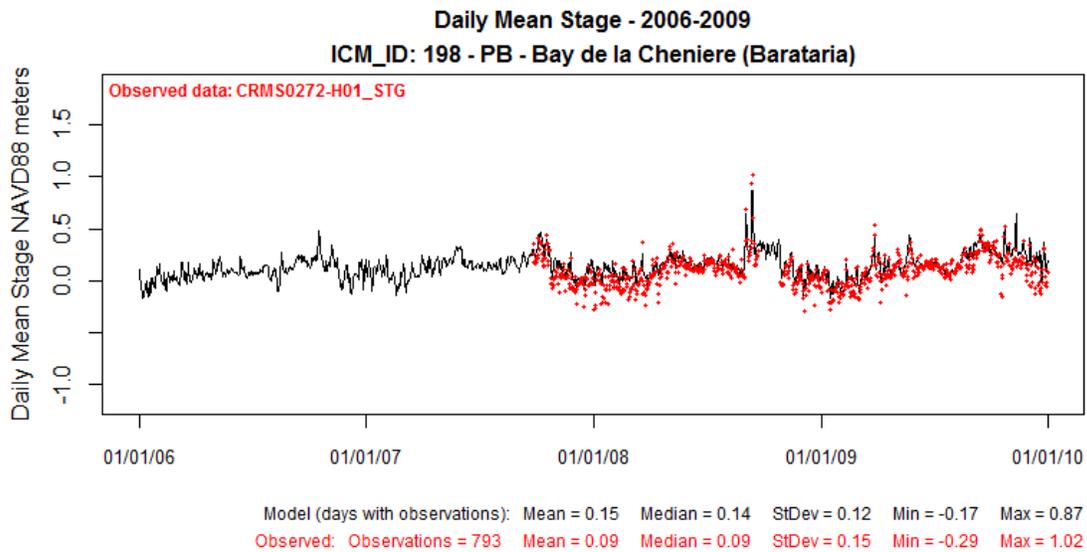


Figure 96: Modeled Stage at ICM Compartment 198 (solid black line) Compared to Observed Data at CRMS0272-H01 for Validation Period, 2006-2009.

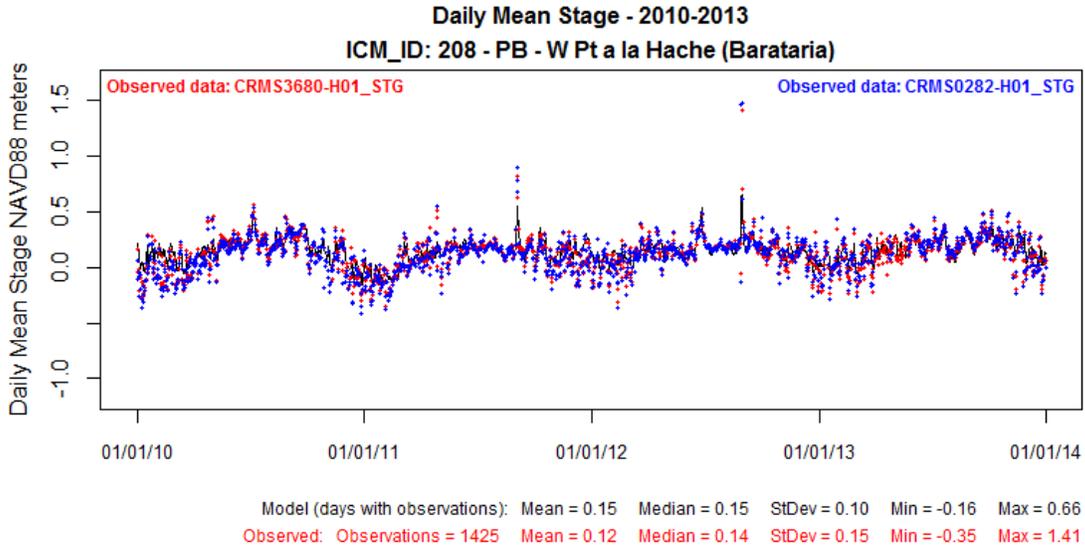


Figure 97: Modeled Stage at ICM Compartment 208 (solid black line) Compared to Observed Data at CRMS3680-H01 for Calibration Period, 2010-2013.

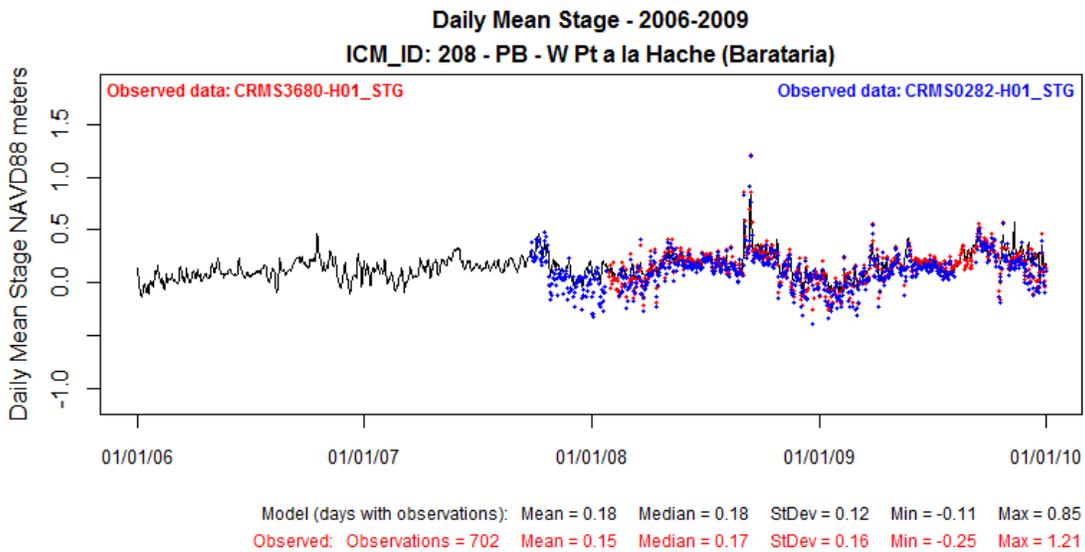


Figure 98: Modeled Stage at ICM Compartment 208 (solid black line) Compared to Observed Data at CRMS3680-H01 for Validation Period, 2006-2009.

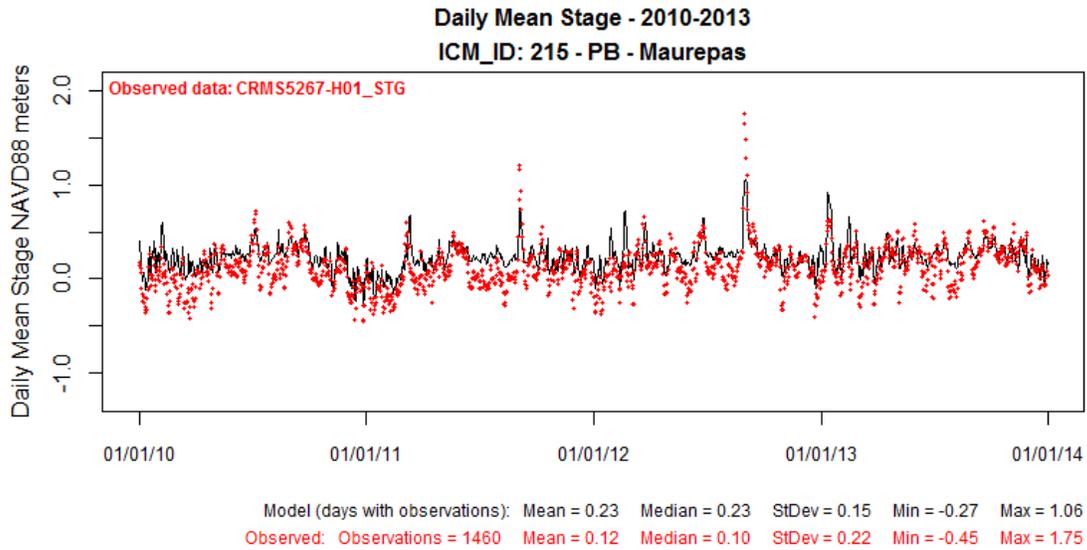


Figure 99: Modeled Stage at ICM Compartment 215 (solid black line) Compared to Observed Data at CRMS5267-H01 for Calibration Period, 2010-2013.

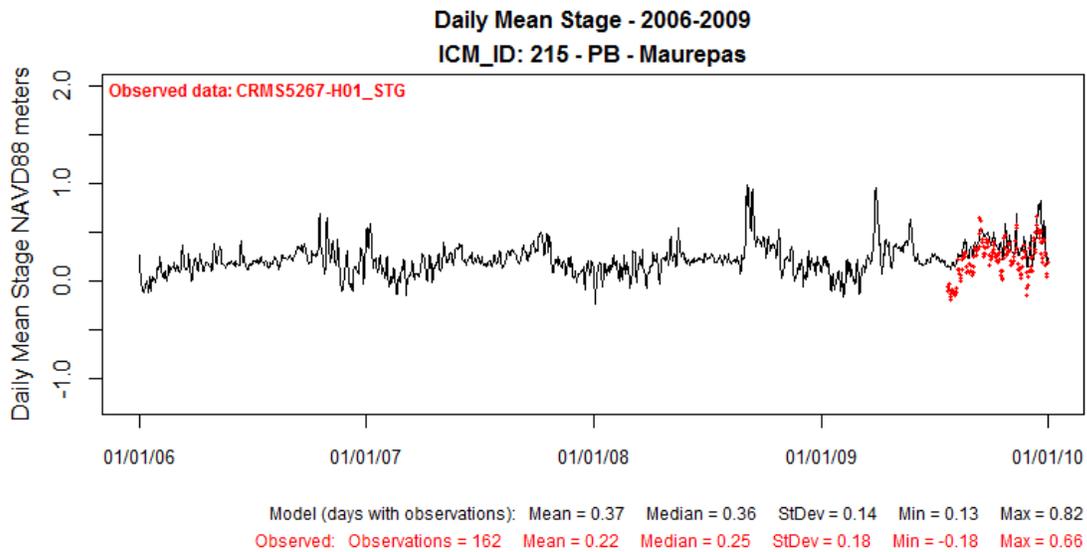


Figure 100: Modeled Stage at ICM Compartment 215 (solid black line) Compared to Observed Data at CRMS5267-H01 for Validation Period, 2006-2009.

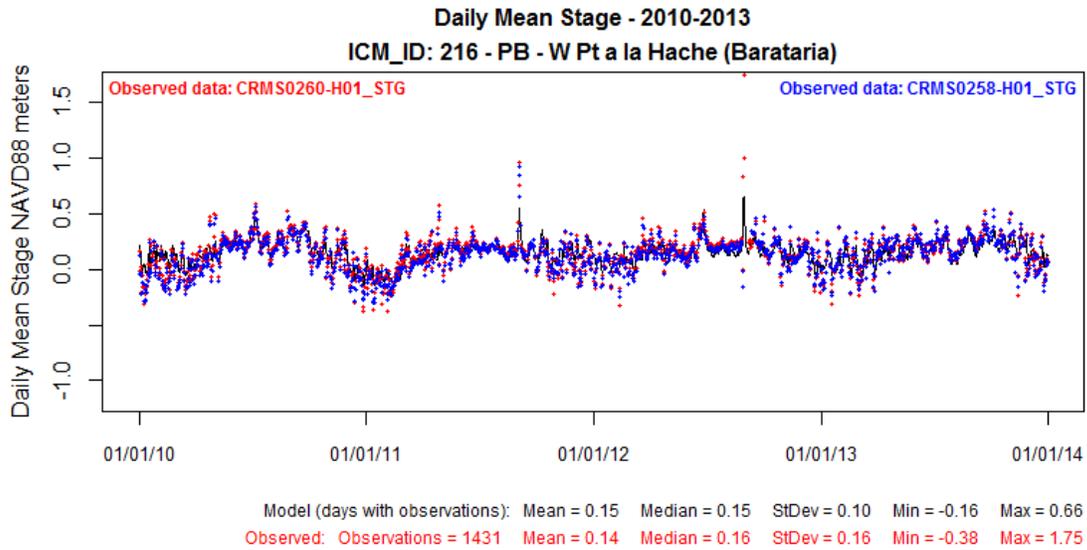


Figure 101: Modeled Stage at ICM Compartment 216 (solid black line) Compared to Observed Data at CRMS0260-H01 for Calibration Period, 2010-2013.

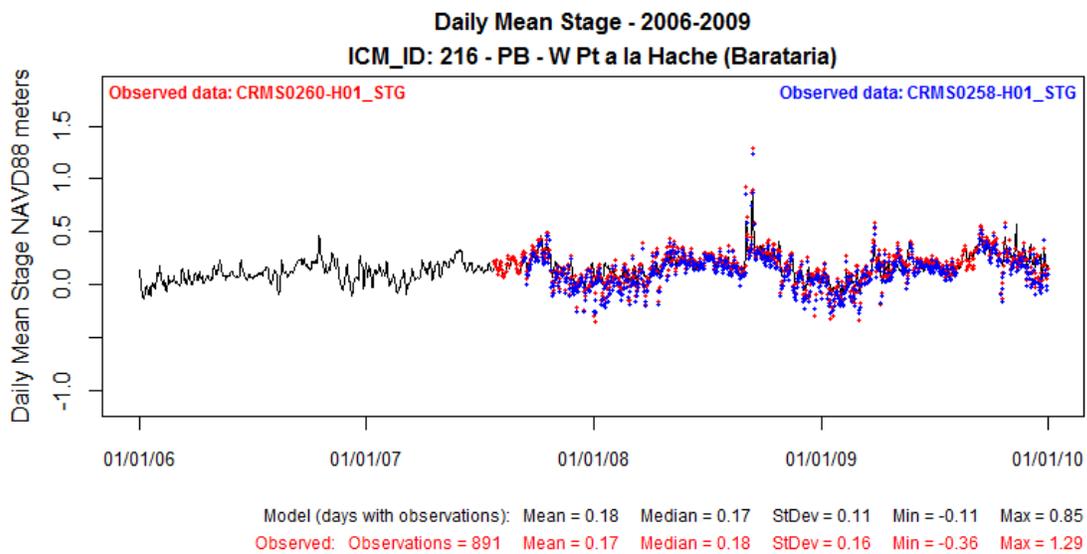


Figure 102: Modeled Stage at ICM Compartment 216 (solid black line) Compared to Observed Data at CRMS0260-H01 for Validation Period, 2006-2009.

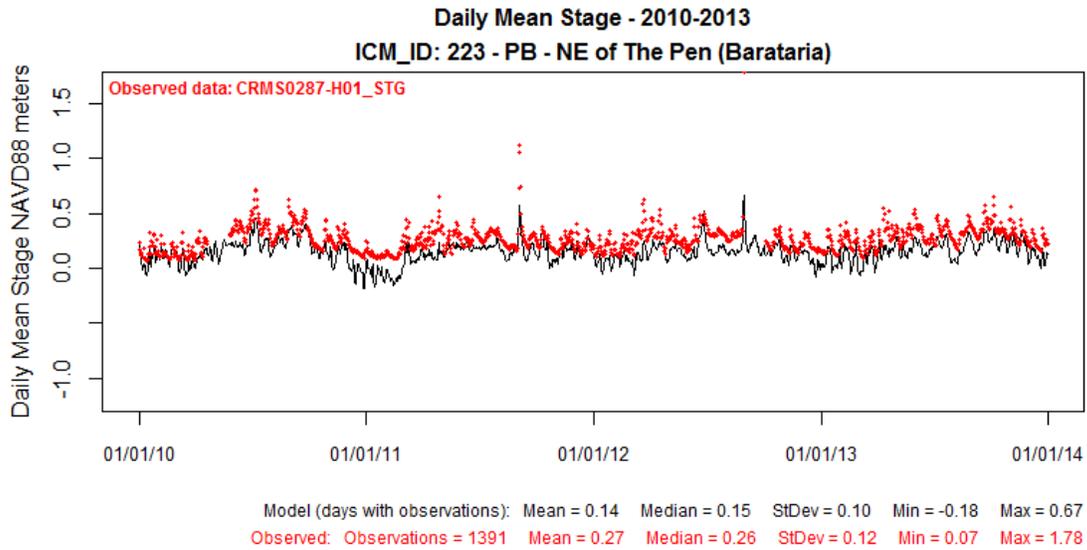


Figure 103: Modeled Stage at ICM Compartment 223 (solid black line) Compared to Observed Data at CRMS0287-H01 for Calibration Period, 2010-2013.

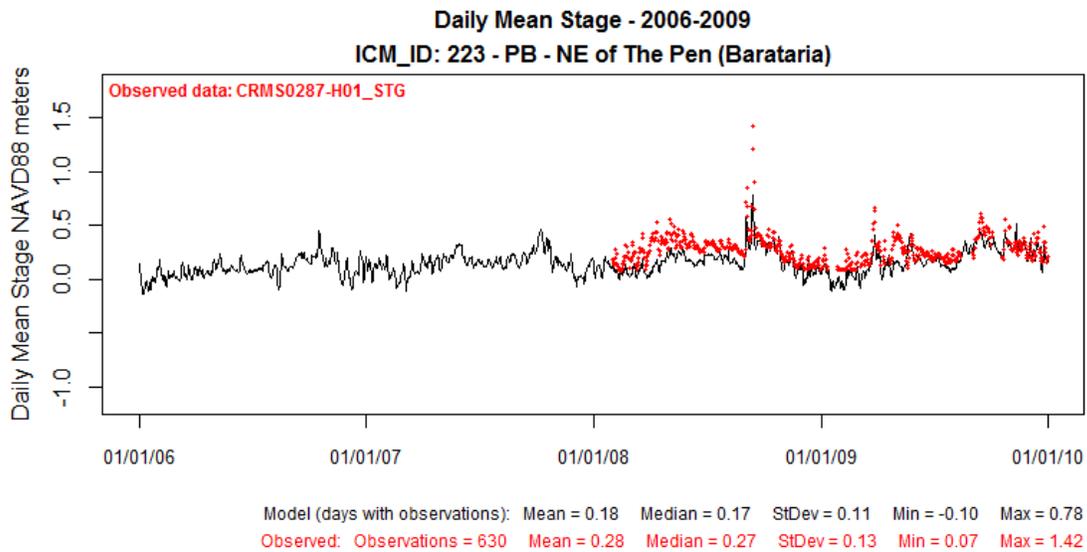


Figure 104: Modeled Stage at ICM Compartment 223 (solid black line) Compared to Observed Data at CRMS0287-H01 for Validation Period, 2006-2009.

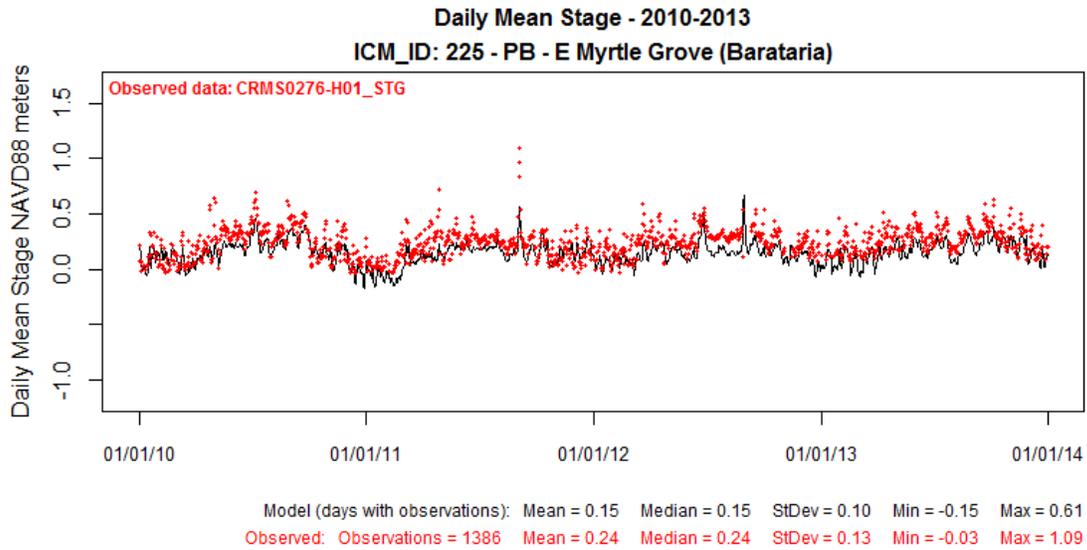


Figure 105: Modeled Stage at ICM Compartment 225 (solid black line) Compared to Observed Data at CRMS0276-H01 for Calibration Period, 2010-2013.

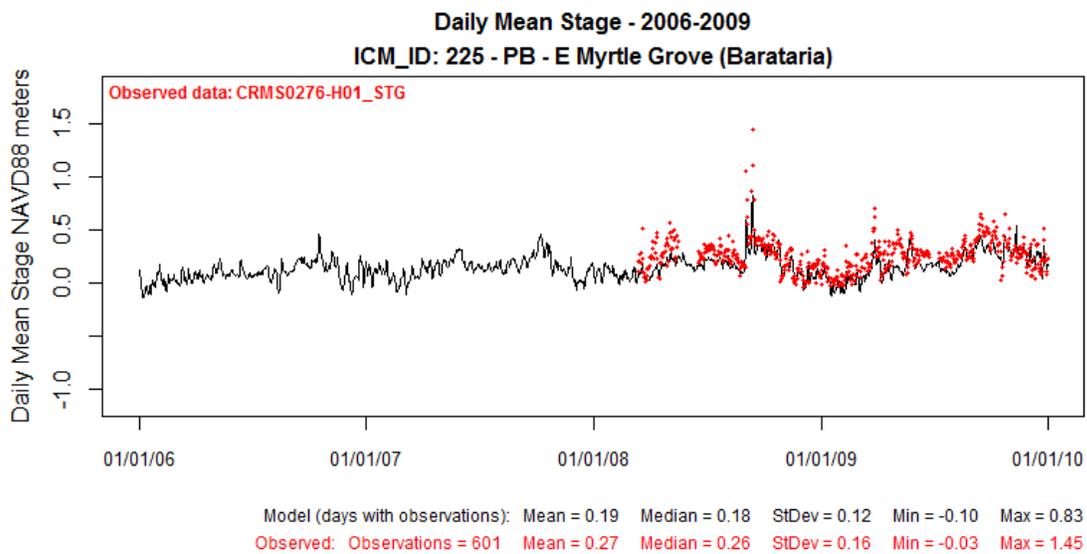


Figure 106: Modeled Stage at ICM Compartment 225 (solid black line) Compared to Observed Data at CRMS0276-H01 for Validation Period, 2006-2009.

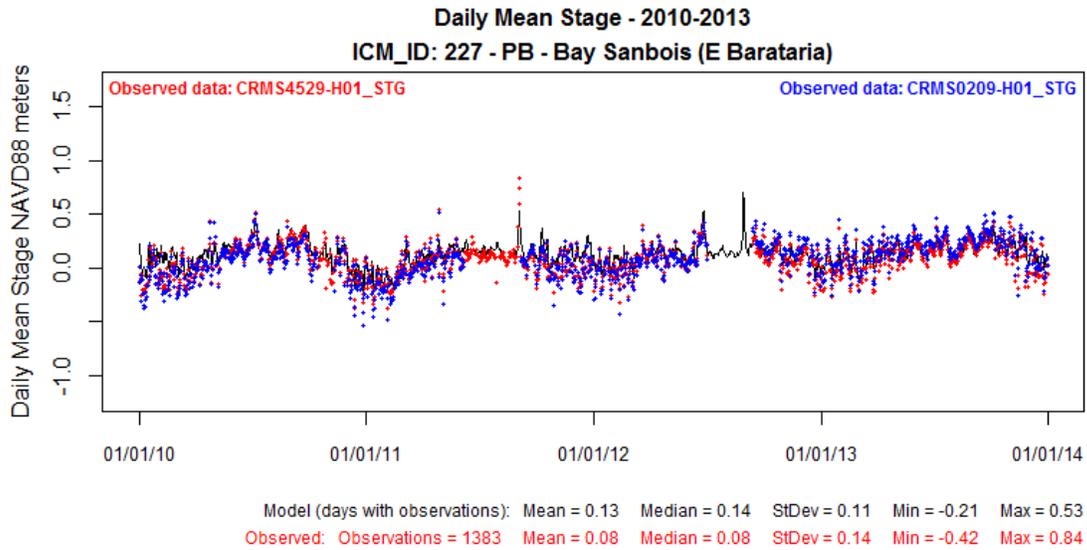


Figure 107: Modeled Stage at ICM Compartment 227 (solid black line) Compared to Observed Data at CRMS4529-H01 for Calibration Period, 2010-2013.

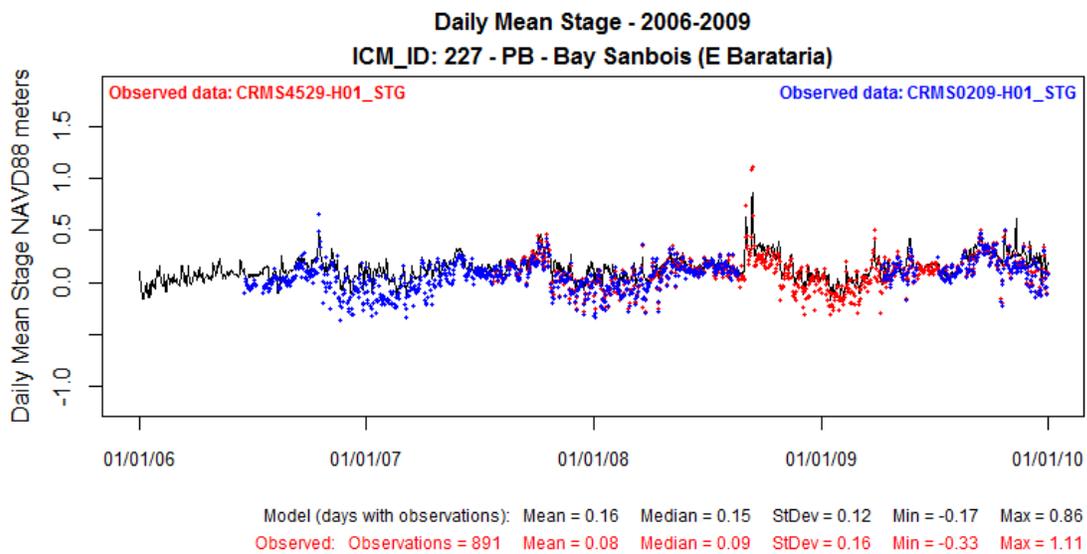


Figure 108: Modeled Stage at ICM Compartment 227 (solid black line) Compared to Observed Data at CRMS4529-H01 for Validation Period, 2006-2009.

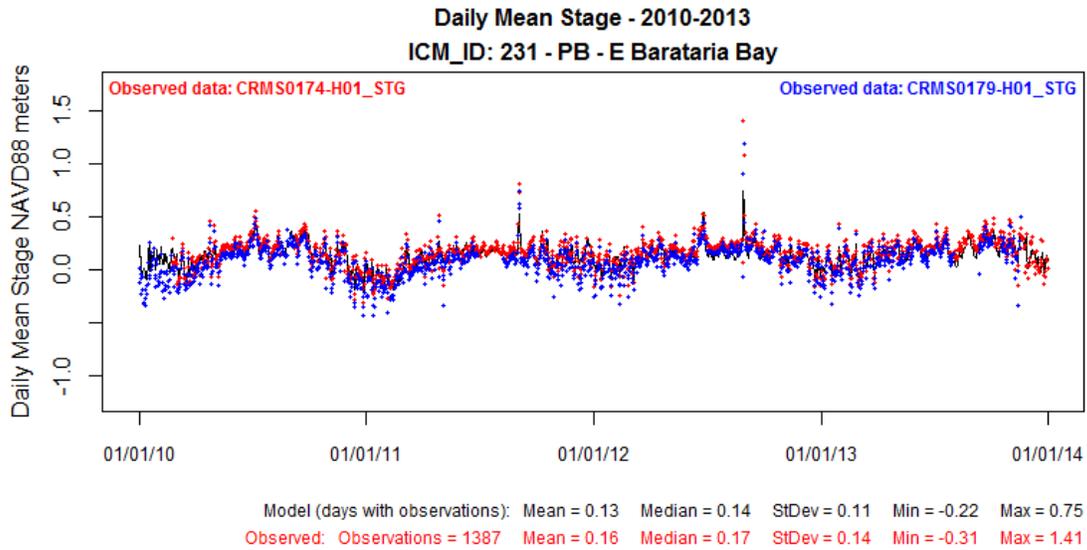


Figure 109: Modeled Stage at ICM Compartment 231 (solid black line) Compared to Observed Data at CRMS0174-H01 for Calibration Period, 2010-2013.

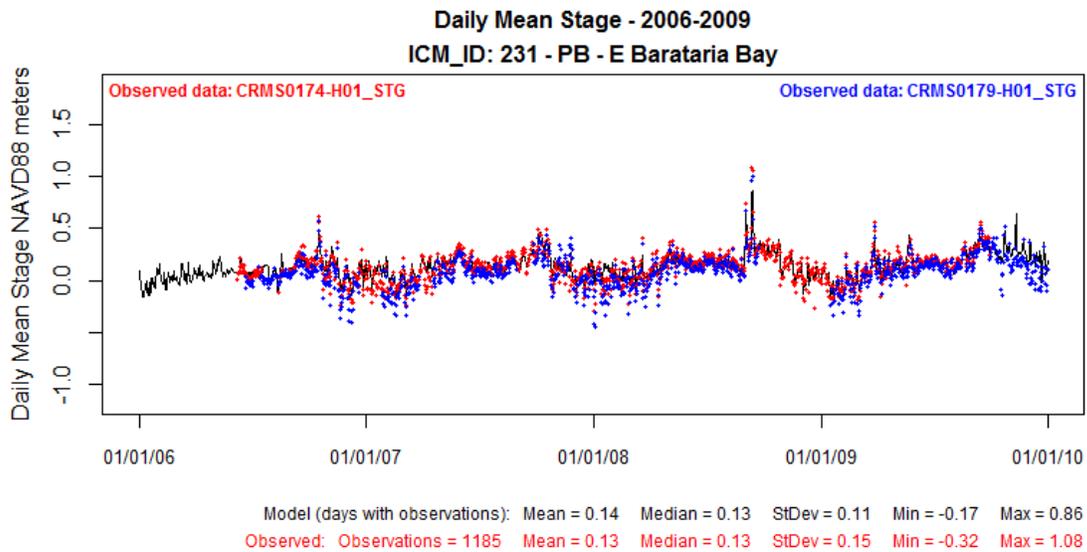


Figure 110: Modeled Stage at ICM Compartment 231 (solid black line) Compared to Observed Data at CRMS0174-H01 for Validation Period, 2006-2009.

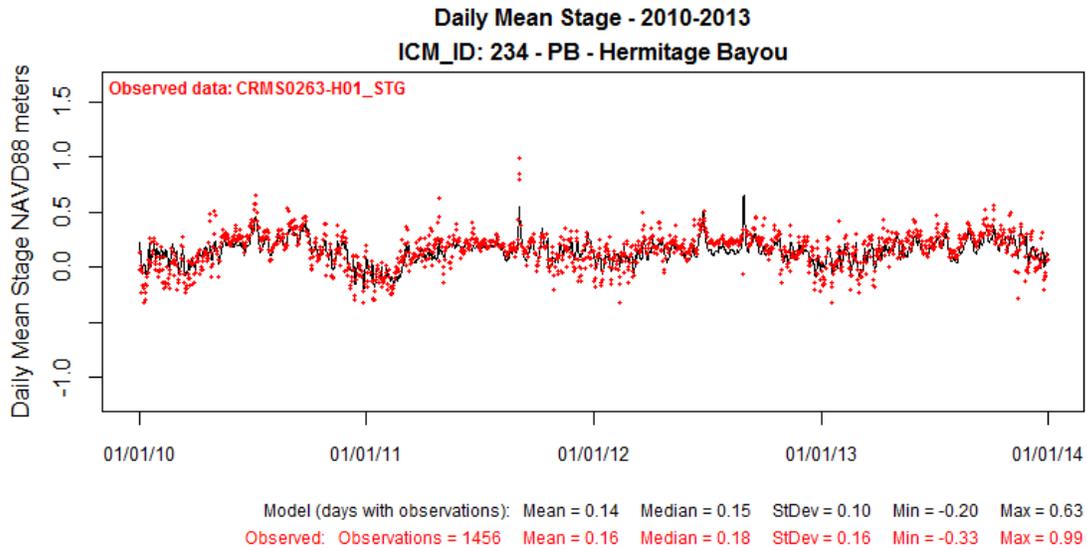


Figure 111: Modeled Stage at ICM Compartment 234 (solid black line) Compared to Observed Data at CRMS0263-H01 for Calibration Period, 2010-2013.

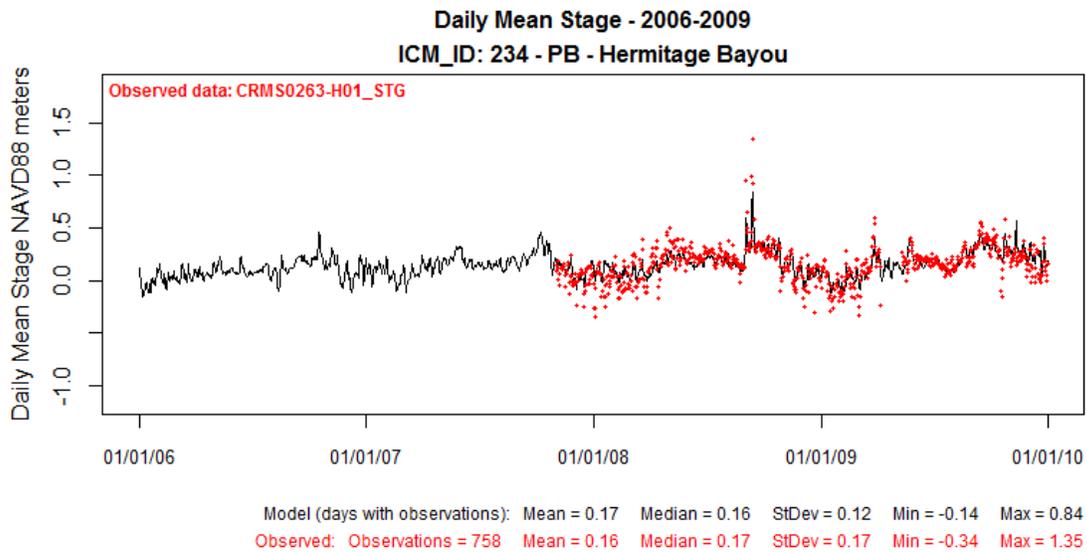


Figure 112: Modeled Stage at ICM Compartment 234 (solid black line) Compared to Observed Data at CRMS0263-H01 for Validation Period, 2006-2009.

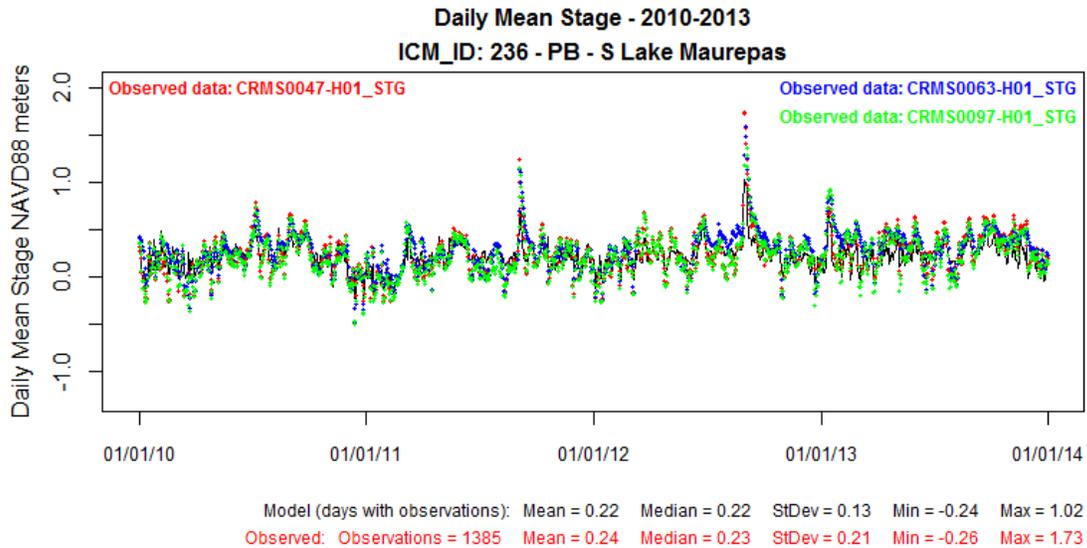


Figure 113: Modeled Stage at ICM Compartment 236 (solid black line) Compared to Observed Data at CRMS0047-H01 for Calibration Period, 2010-2013.

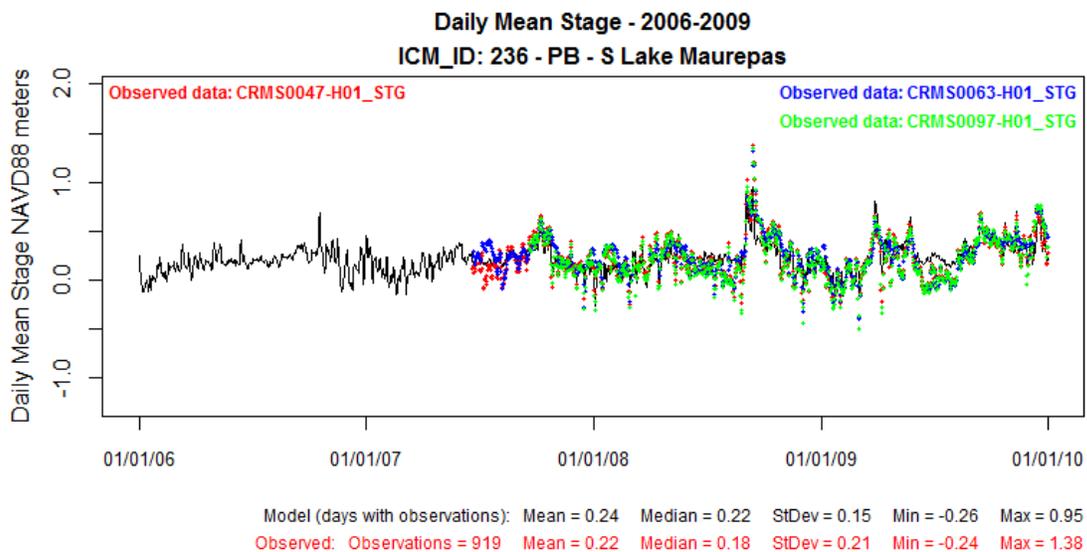


Figure 114: Modeled Stage at ICM Compartment 236 (solid black line) Compared to Observed Data at CRMS0047-H01 for Validation Period, 2006-2009.

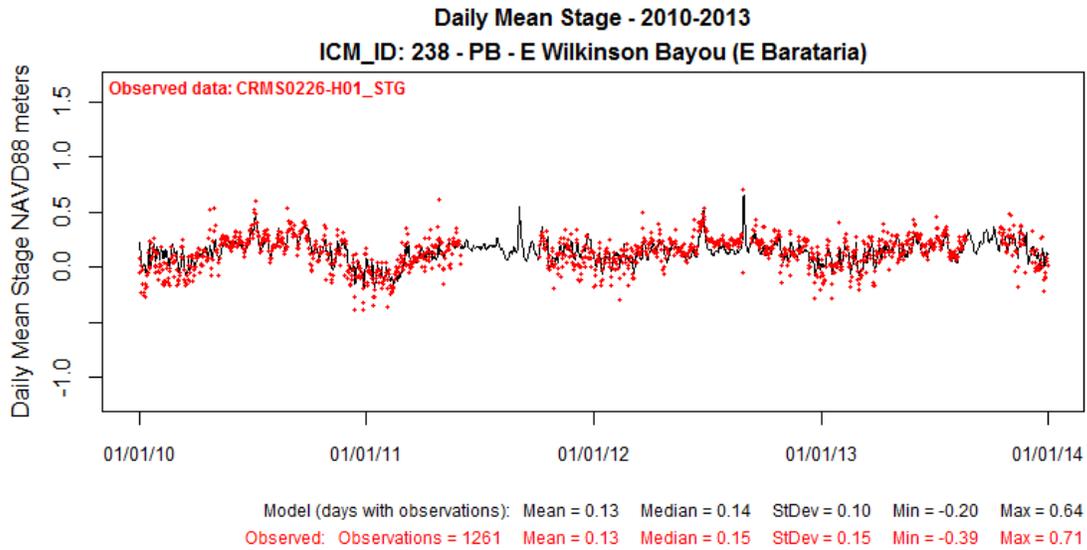


Figure 115: Modeled Stage at ICM Compartment 238 (solid black line) Compared to Observed Data at CRMS0226-H01 for Calibration Period, 2010-2013.

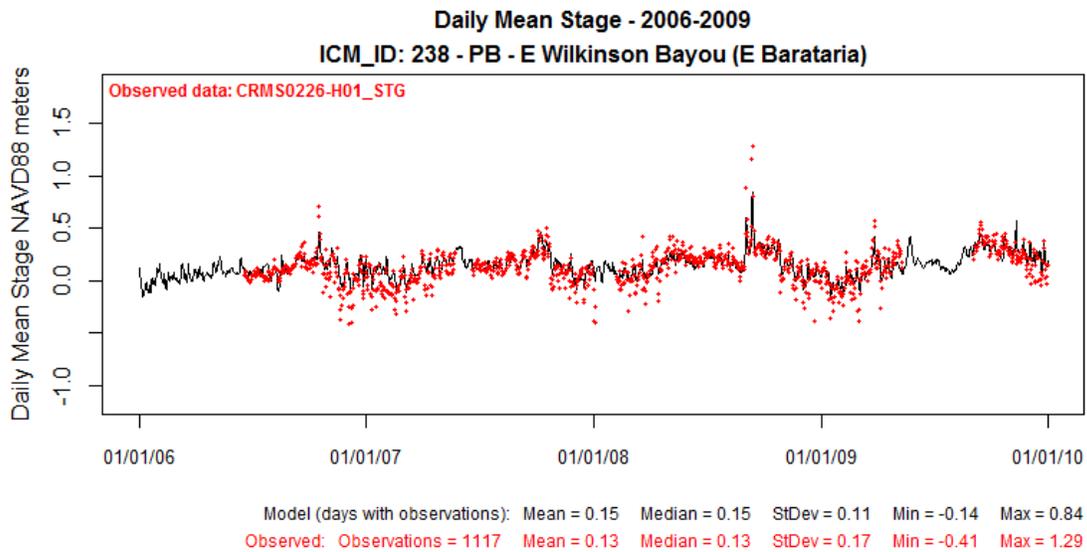


Figure 116: Modeled Stage at ICM Compartment 238 (solid black line) Compared to Observed Data at CRMS0226-H01 for Validation Period, 2006-2009.

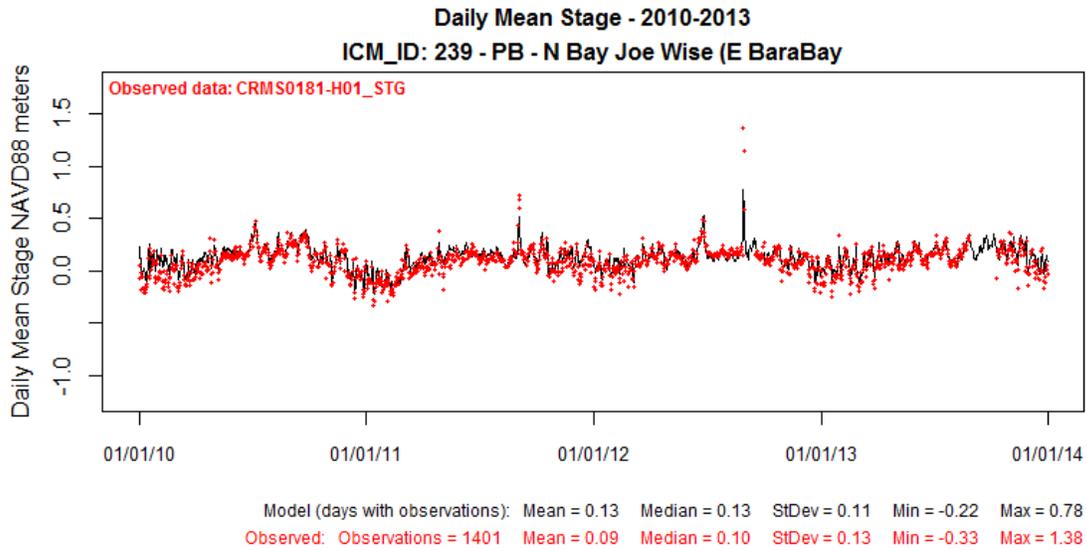


Figure 117: Modeled Stage at ICM Compartment 239 (solid black line) Compared to Observed Data at CRMS0181-H01 for Calibration Period, 2010-2013.

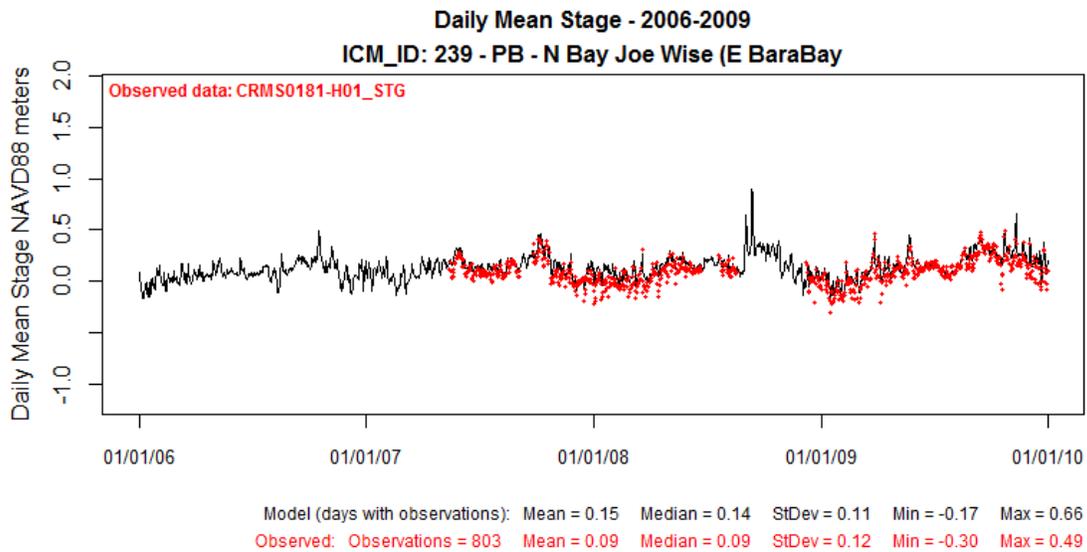


Figure 118: Modeled Stage at ICM Compartment 239 (solid black line) Compared to Observed Data at CRMS0181-H01 for Validation Period, 2006-2009.

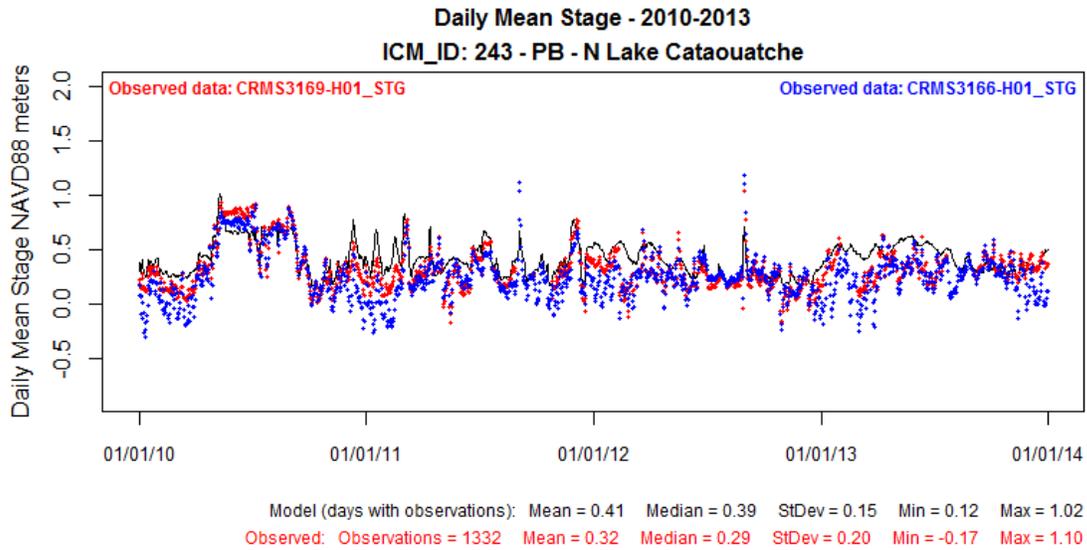


Figure 119: Modeled Stage at ICM Compartment 243 (solid black line) Compared to Observed Data at CRMS3169-H01 for Calibration Period, 2010-2013.

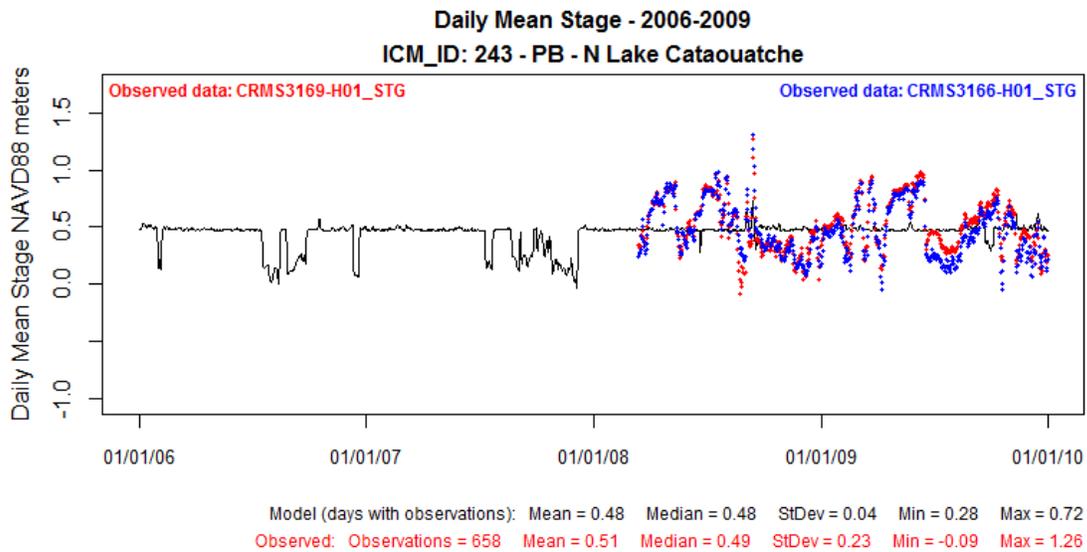


Figure 120: Modeled Stage at ICM Compartment 243 (solid black line) Compared to Observed Data at CRMS3169-H01 for Validation Period, 2006-2009.

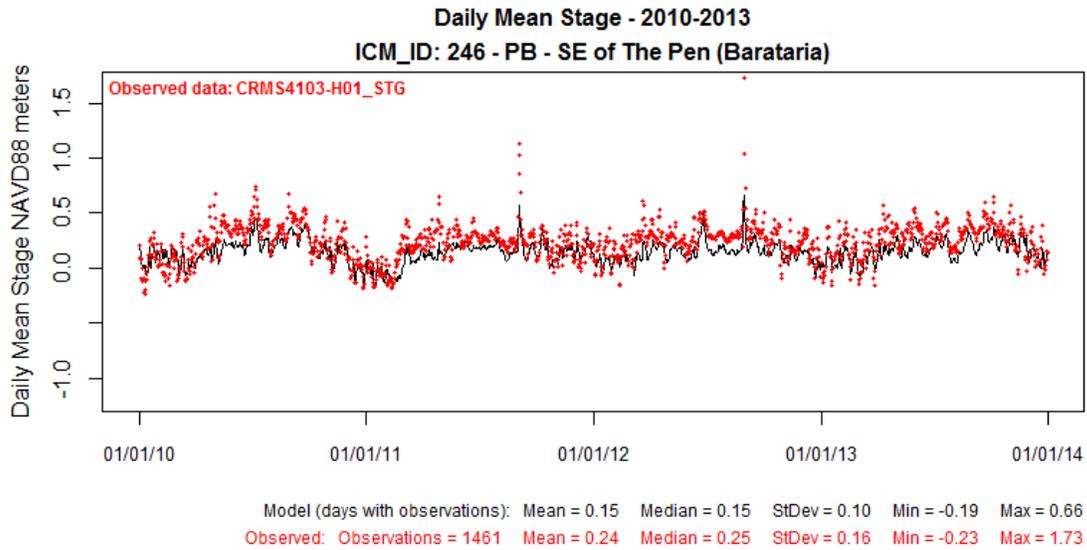


Figure 121: Modeled Stage at ICM Compartment 246 (solid black line) Compared to Observed Data at CRMS4103-H01 for Calibration Period, 2010-2013.

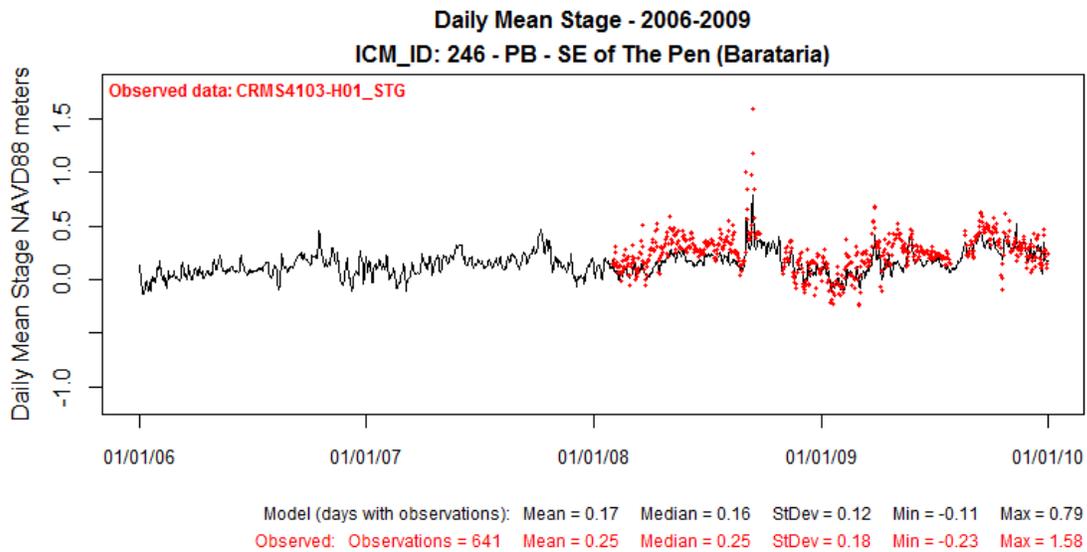


Figure 122: Modeled Stage at ICM Compartment 246 (solid black line) Compared to Observed Data at CRMS4103-H01 for Validation Period, 2006-2009.

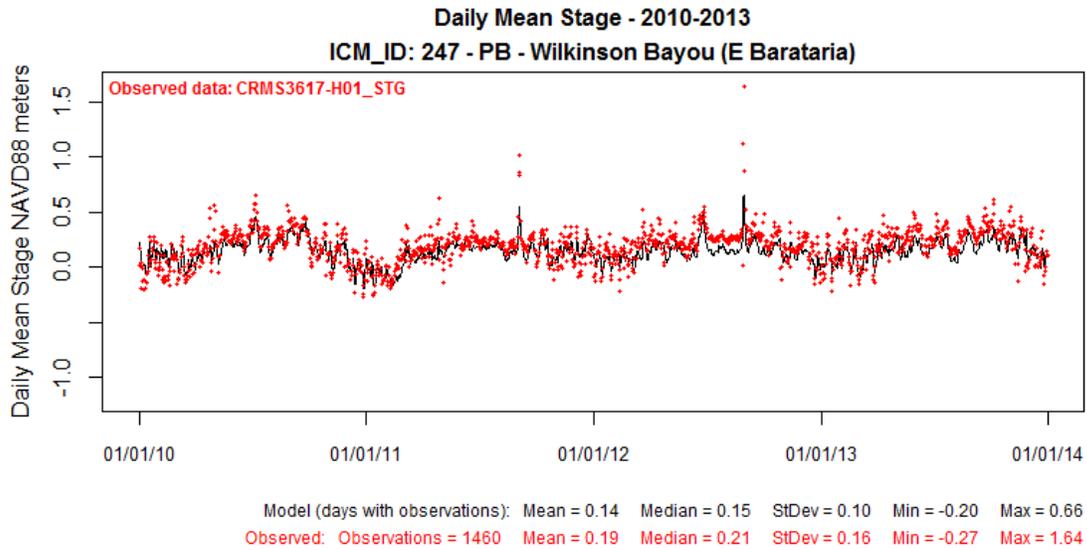


Figure 123: Modeled Stage at ICM Compartment 247 (solid black line) Compared to Observed Data at CRMS3617-H01 for Calibration Period, 2010-2013.

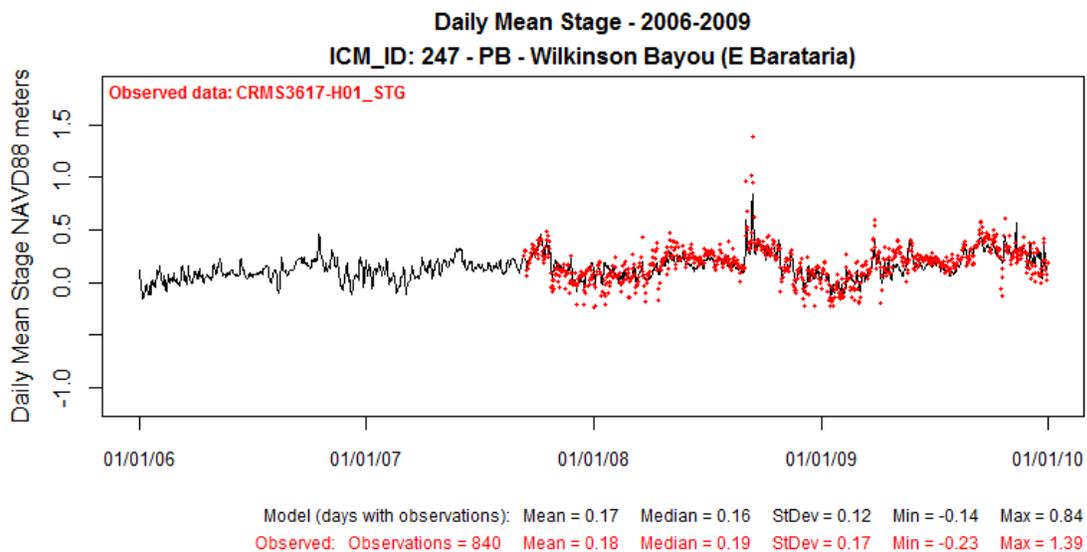


Figure 124: Modeled Stage at ICM Compartment 247 (solid black line) Compared to Observed Data at CRMS3617-H01 for Validation Period, 2006-2009.

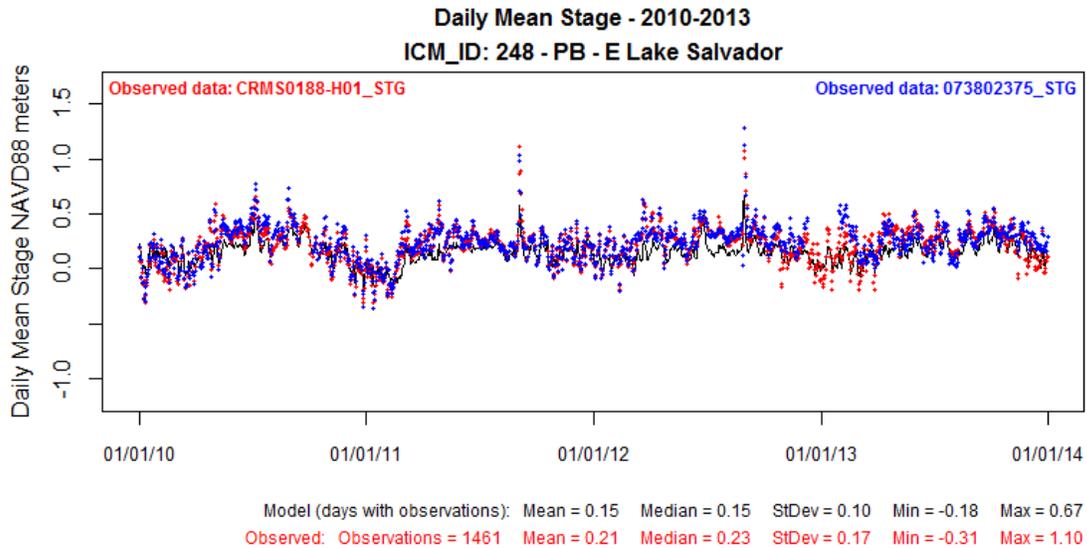


Figure 125: Modeled Stage at ICM Compartment 248 (solid black line) Compared to Observed Data at CRMS0188-H01 for Calibration Period, 2010-2013.

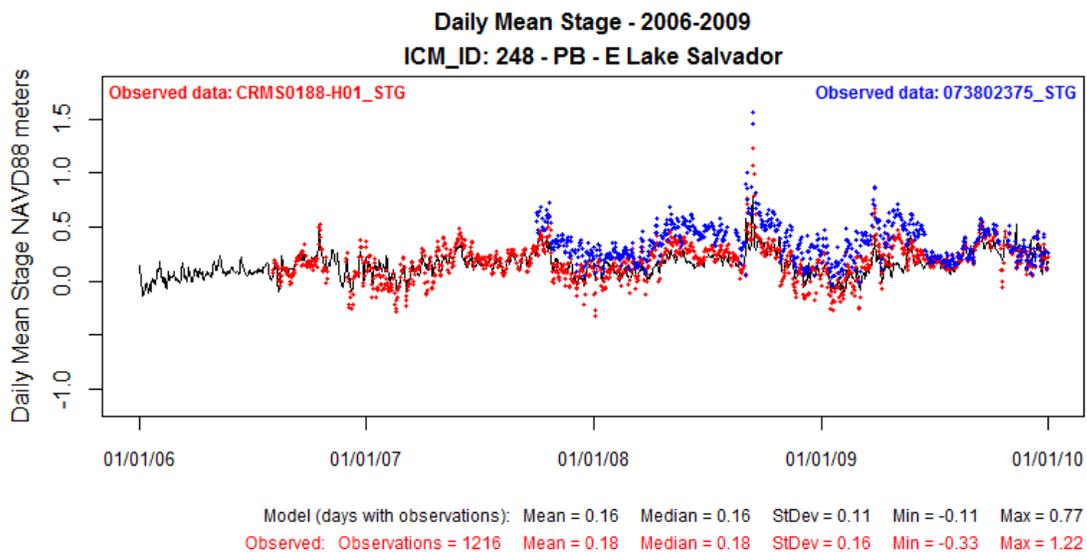


Figure 126: Modeled Stage at ICM Compartment 248 (solid black line) Compared to Observed Data at CRMS0188-H01 for Validation Period, 2006-2009.

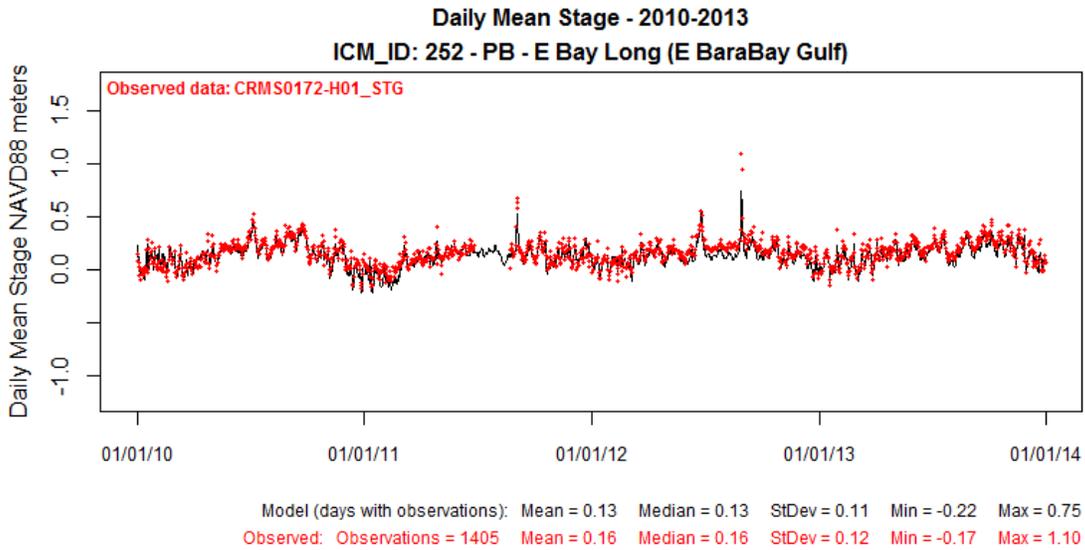


Figure 127: Modeled Stage at ICM Compartment 252 (solid black line) Compared to Observed Data at CRMS0172-H01 for Calibration Period, 2010-2013.

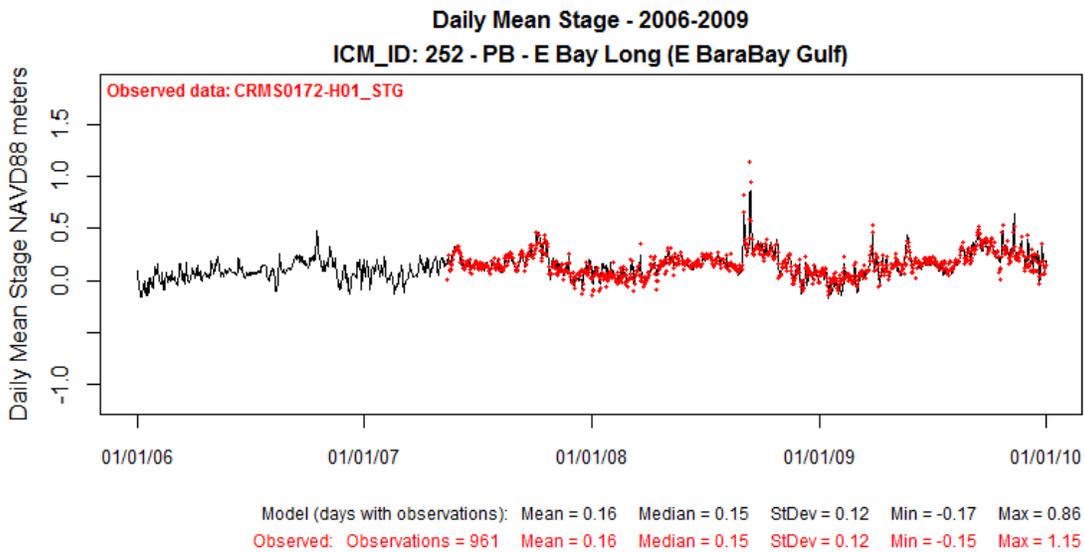


Figure 128: Modeled Stage at ICM Compartment 252 (solid black line) Compared to Observed Data at CRMS0172-H01 for Validation Period, 2006-2009.

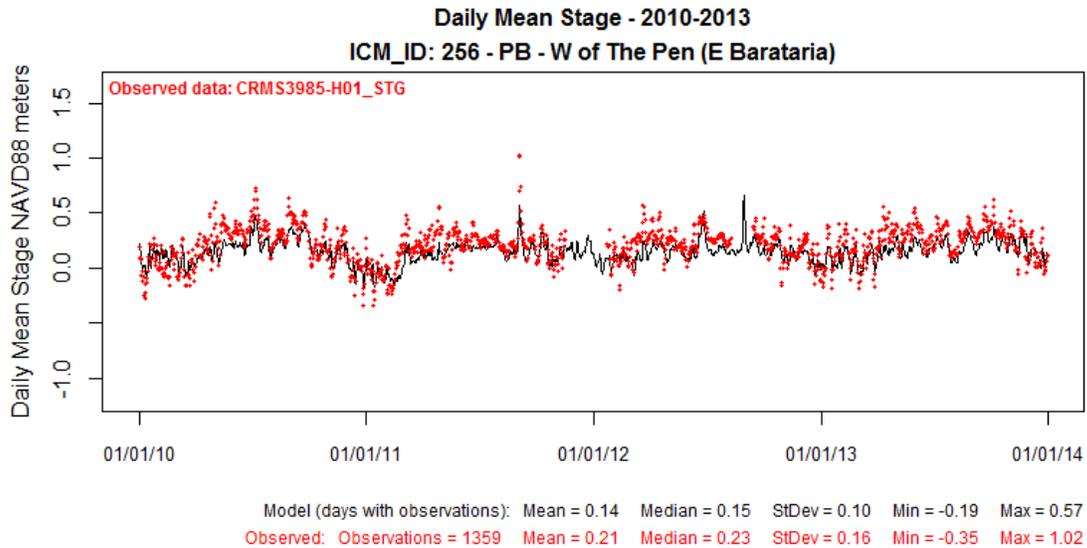


Figure 129: Modeled Stage at ICM Compartment 256 (solid black line) Compared to Observed Data at CRMS3985-H01 for Calibration Period, 2010-2013.

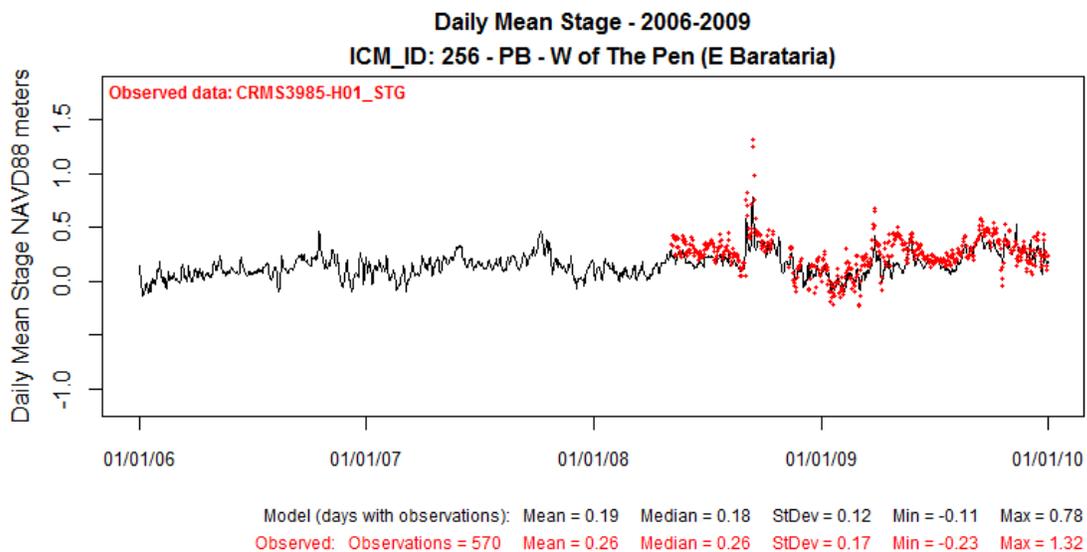


Figure 130: Modeled Stage at ICM Compartment 256 (solid black line) Compared to Observed Data at CRMS3985-H01 for Validation Period, 2006-2009.

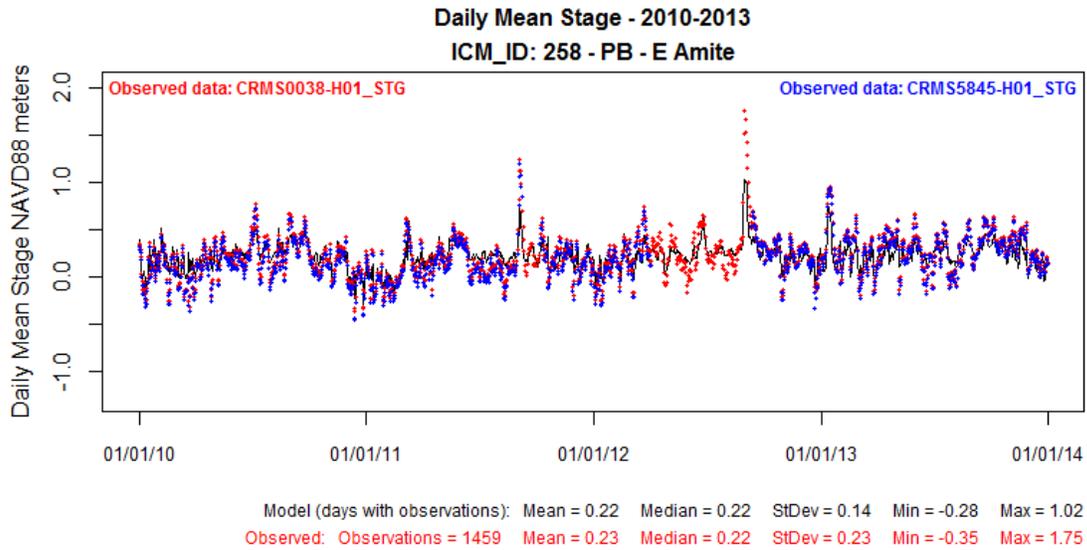


Figure 131: Modeled Stage at ICM Compartment 258 (solid black line) Compared to Observed Data at CRMS0038-H01 for Calibration Period, 2010-2013.

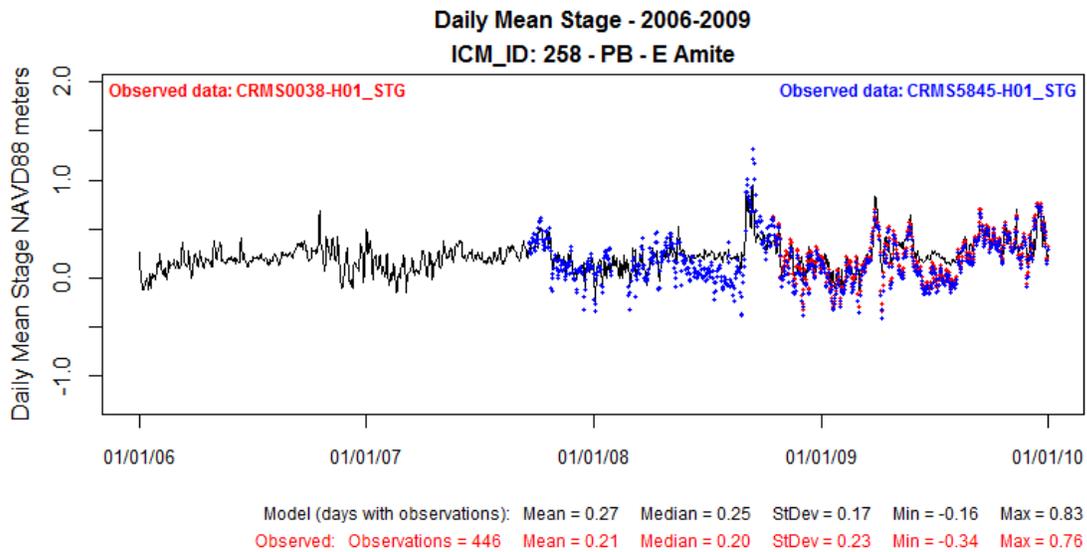


Figure 132: Modeled Stage at ICM Compartment 258 (solid black line) Compared to Observed Data at CRMS0038-H01 for Validation Period, 2006-2009.

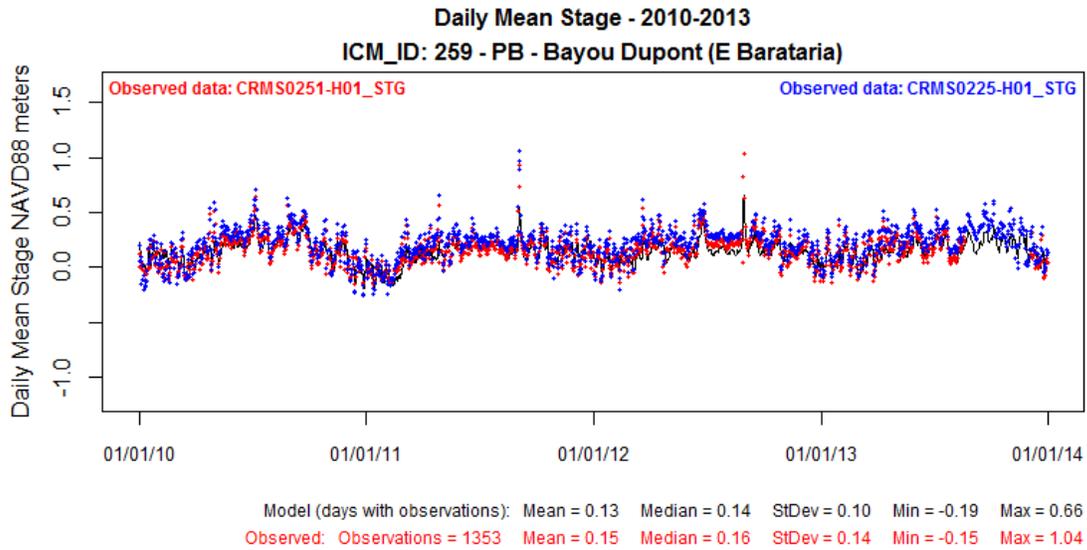


Figure 133: Modeled Stage at ICM Compartment 259 (solid black line) Compared to Observed Data at CRMS0251-H01 for Calibration Period, 2010-2013.

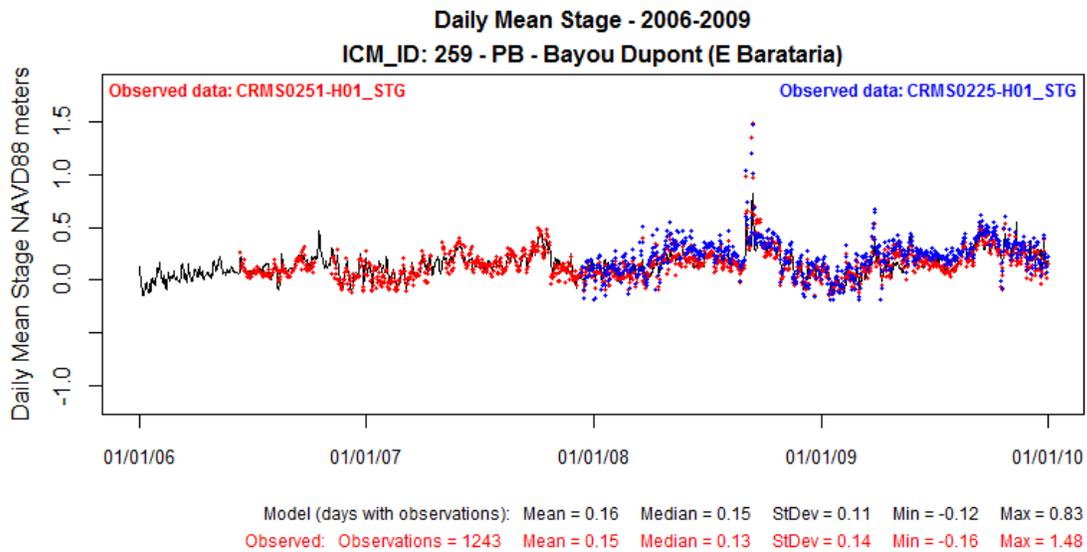


Figure 134: Modeled Stage at ICM Compartment 259 (solid black line) Compared to Observed Data at CRMS0251-H01 for Validation Period, 2006-2009.

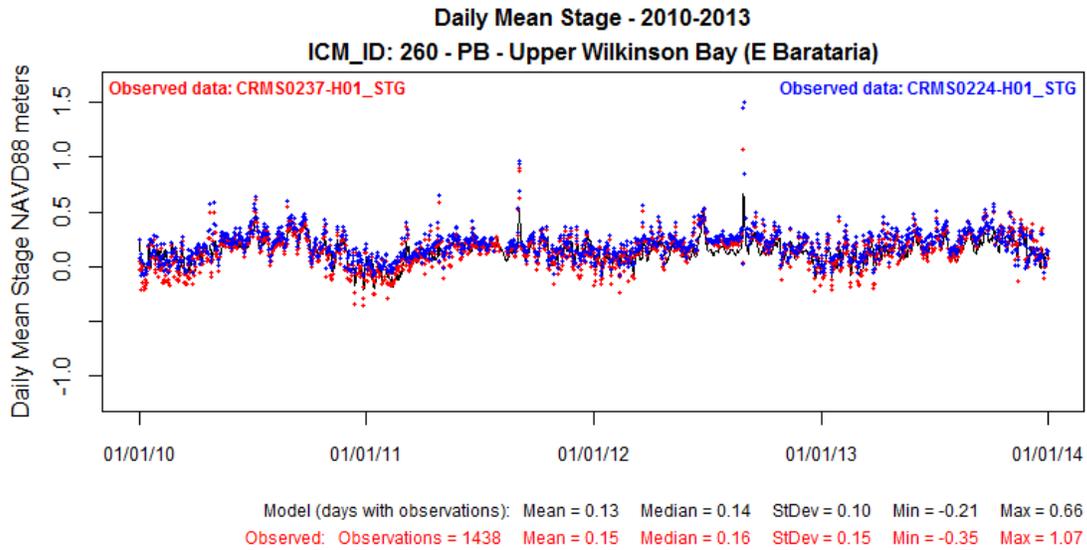


Figure 135: Modeled Stage at ICM Compartment 260 (solid black line) Compared to Observed Data at CRMS0237-H01 for Calibration Period, 2010-2013.

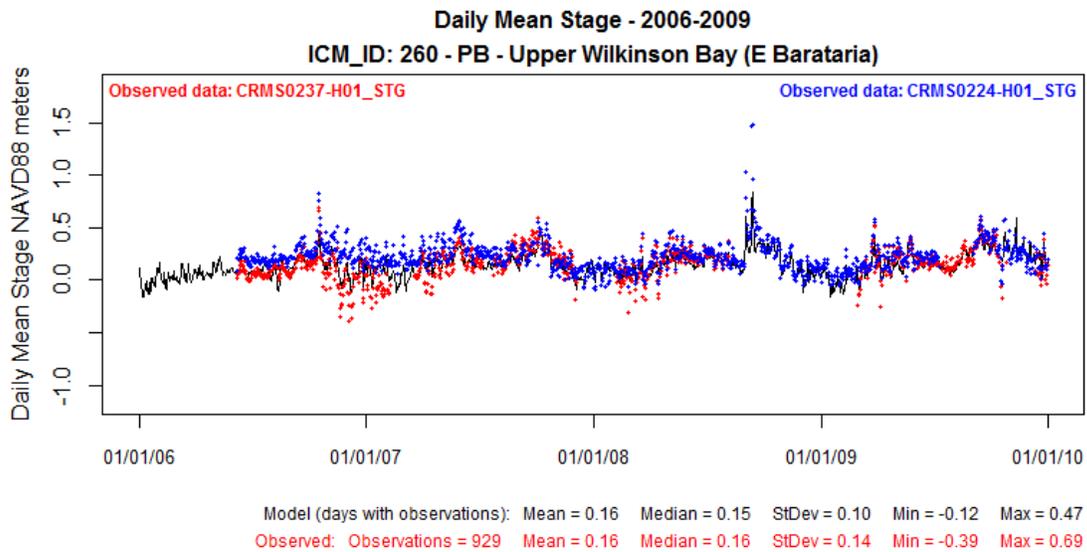


Figure 136: Modeled Stage at ICM Compartment 260 (solid black line) Compared to Observed Data at CRMS0237-H01 for Validation Period, 2006-2009.

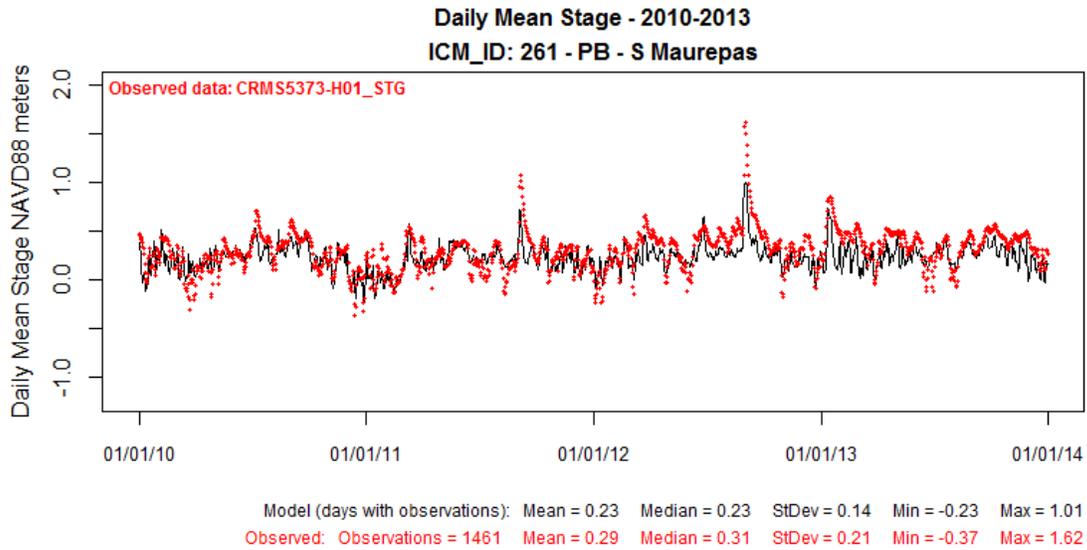


Figure 137: Modeled Stage at ICM Compartment 261 (solid black line) Compared to Observed Data at CRMS5373-H01 for Calibration Period, 2010-2013.

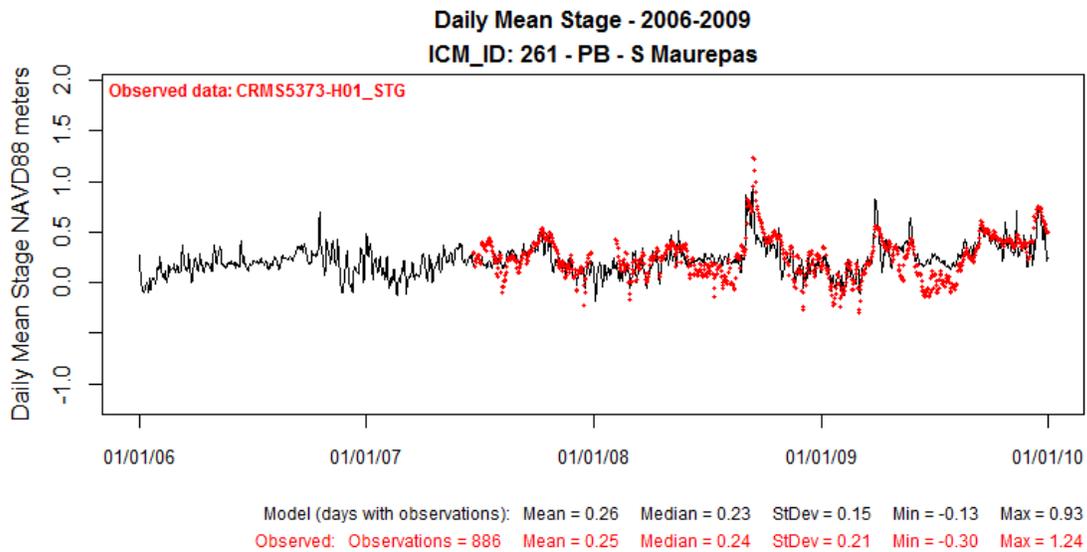


Figure 138: Modeled Stage at ICM Compartment 261 (solid black line) Compared to Observed Data at CRMS5373-H01 for Validation Period, 2006-2009.

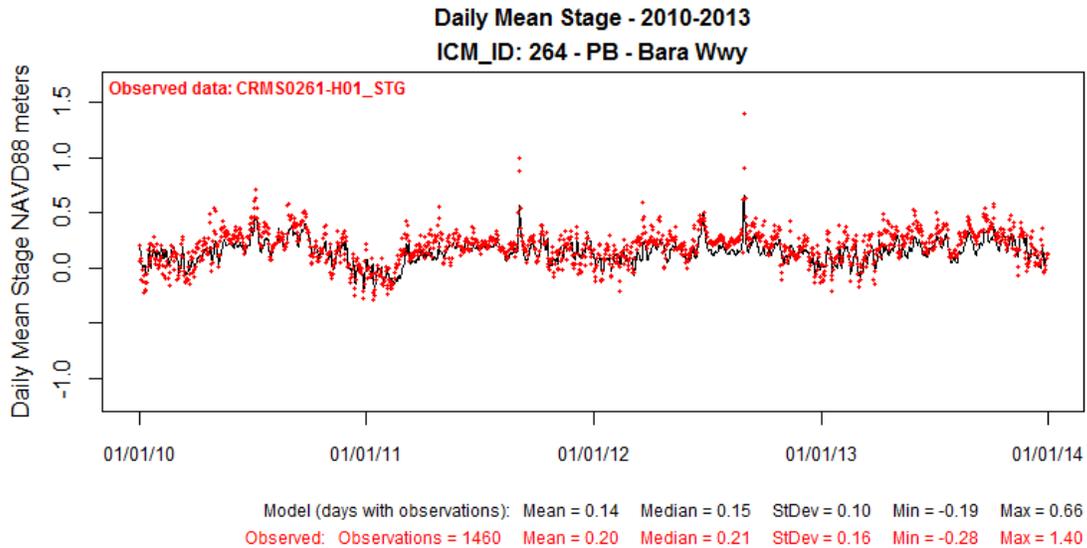


Figure 139: Modeled Stage at ICM Compartment 264 (solid black line) Compared to Observed Data at CRMS0261-H01 for Calibration Period, 2010-2013.

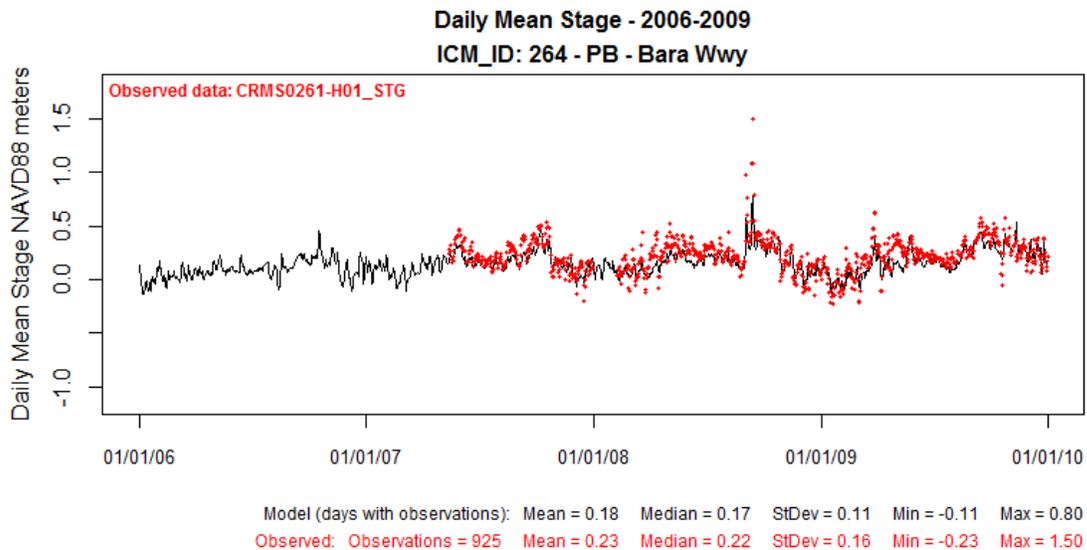


Figure 140: Modeled Stage at ICM Compartment 264 (solid black line) Compared to Observed Data at CRMS0261-H01 for Validation Period, 2006-2009.

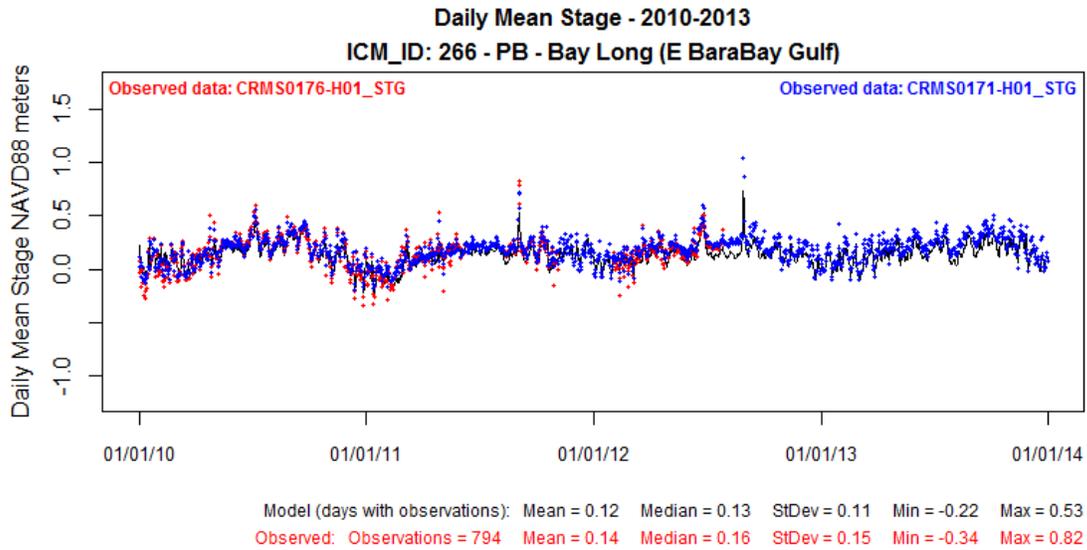


Figure 141: Modeled Stage at ICM Compartment 266 (solid black line) Compared to Observed Data at CRMS0176-H01 for Calibration Period, 2010-2013.

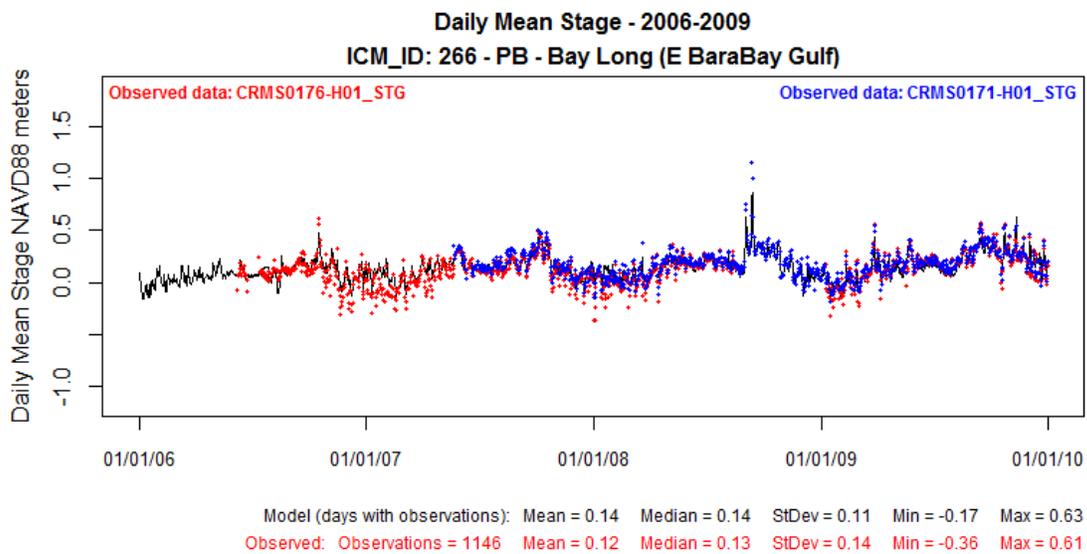


Figure 142: Modeled Stage at ICM Compartment 266 (solid black line) Compared to Observed Data at CRMS0176-H01 for Validation Period, 2006-2009.

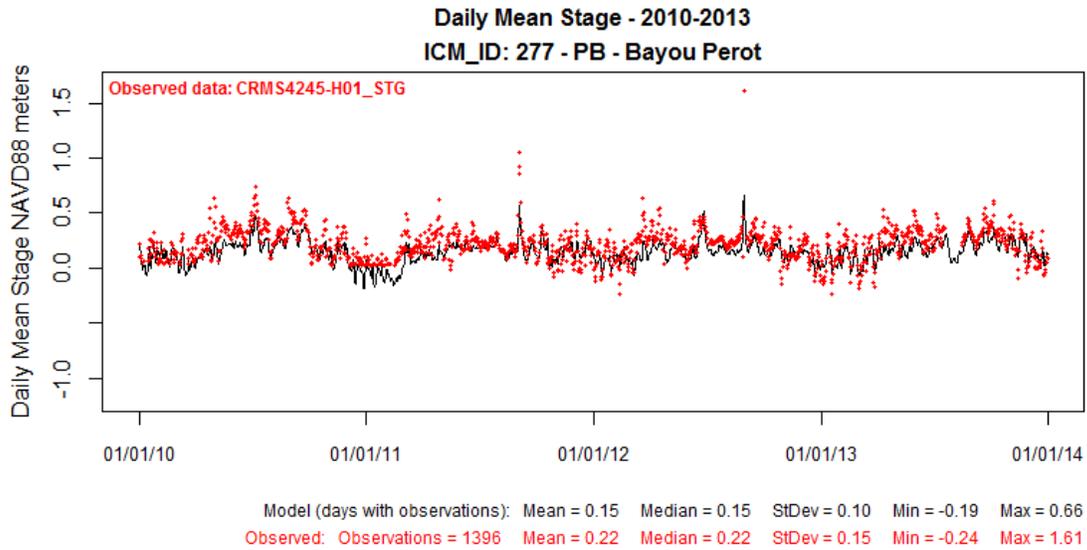


Figure 143: Modeled Stage at ICM Compartment 277 (solid black line) Compared to Observed Data at CRMS4245-H01 for Calibration Period, 2010-2013.

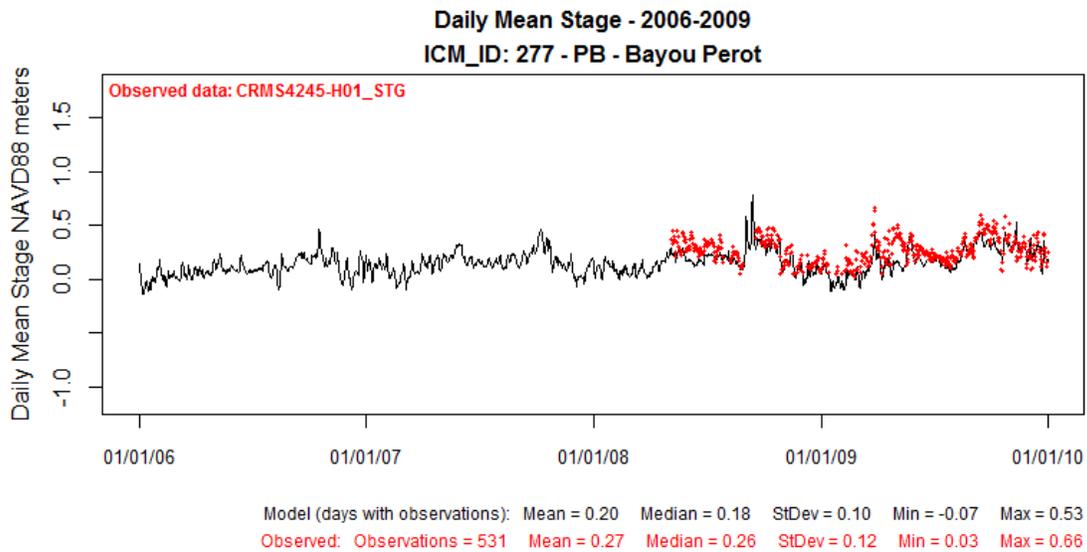


Figure 144: Modeled Stage at ICM Compartment 277 (solid black line) Compared to Observed Data at CRMS4245-H01 for Validation Period, 2006-2009.

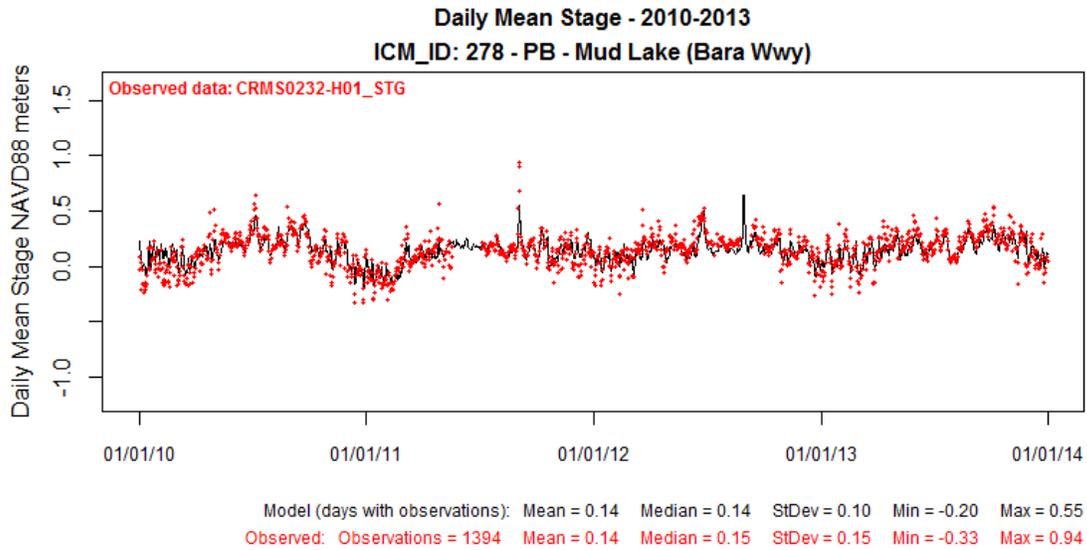


Figure 145: Modeled Stage at ICM Compartment 278 (solid black line) Compared to Observed Data at CRMS0232-H01 for Calibration Period, 2010-2013.

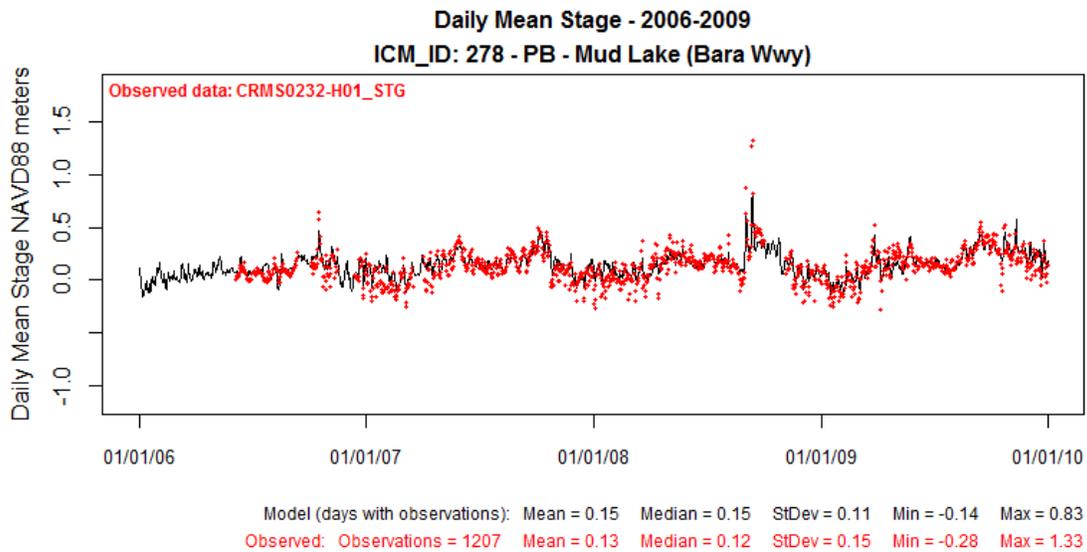


Figure 146: Modeled Stage at ICM Compartment 278 (solid black line) Compared to Observed Data at CRMS0232-H01 for Validation Period, 2006-2009.

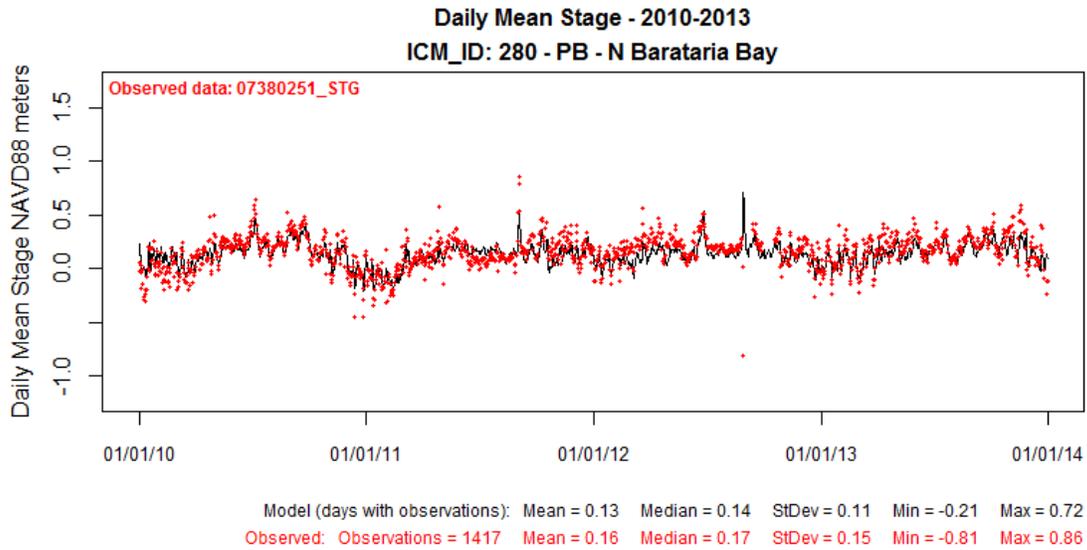


Figure 147: Modeled Stage at ICM Compartment 280 (solid black line) Compared to Observed Data at USGS07380251 for Calibration Period, 2010-2013.

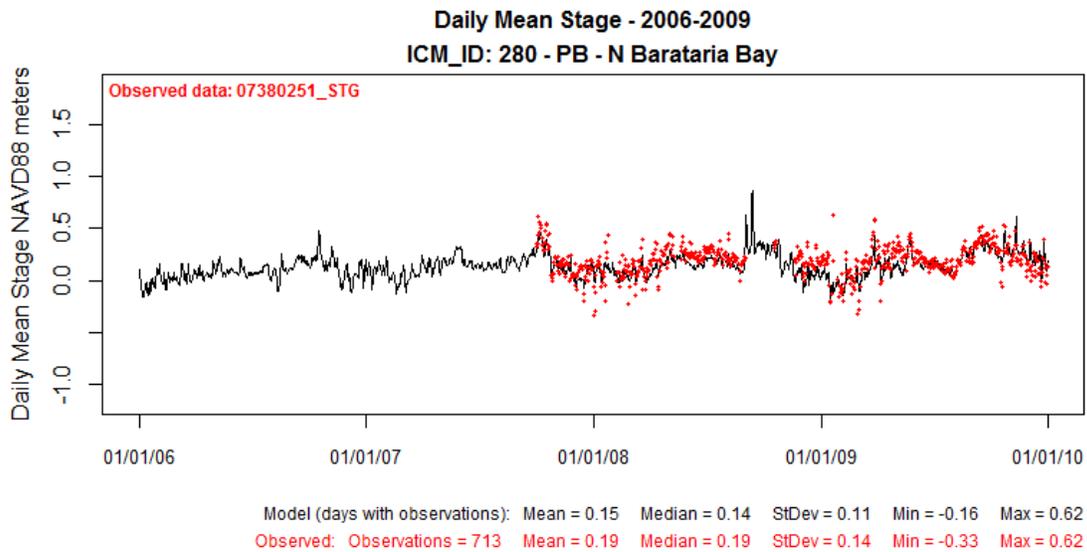


Figure 148: Modeled Stage at ICM Compartment 280 (solid black line) Compared to Observed Data at USGS07380251 for Validation Period, 2006-2009.

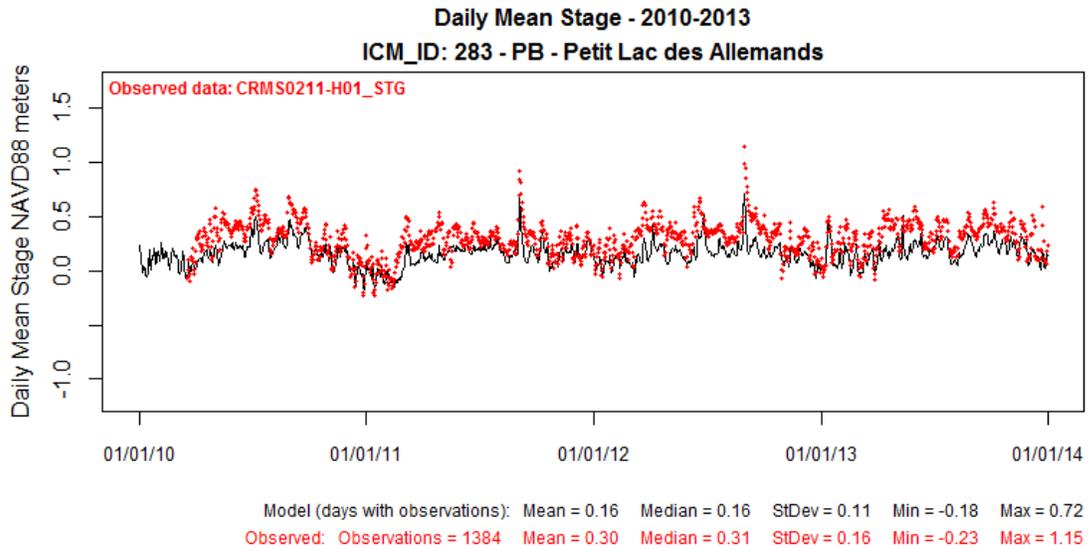


Figure 149: Modeled Stage at ICM Compartment 283 (solid black line) Compared to Observed Data at CRMS0211-H01 for Calibration Period, 2010-2013.

Figure 150: No Validation figure for ICM Compartment 283.

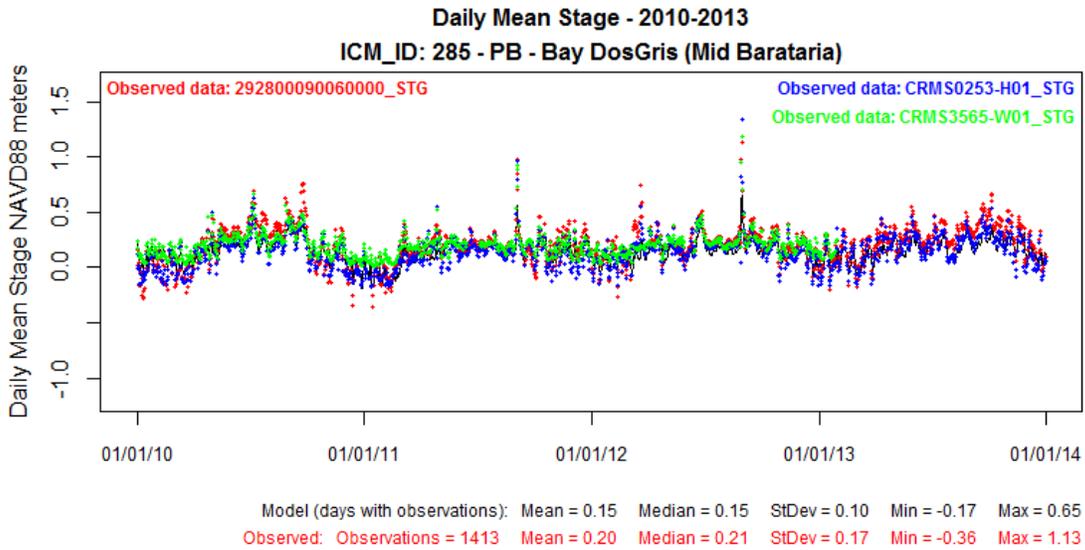


Figure 151: Modeled Stage at ICM Compartment 285 (solid black line) Compared to Observed Data at USGS292800090060000 for Calibration Period, 2010-2013.

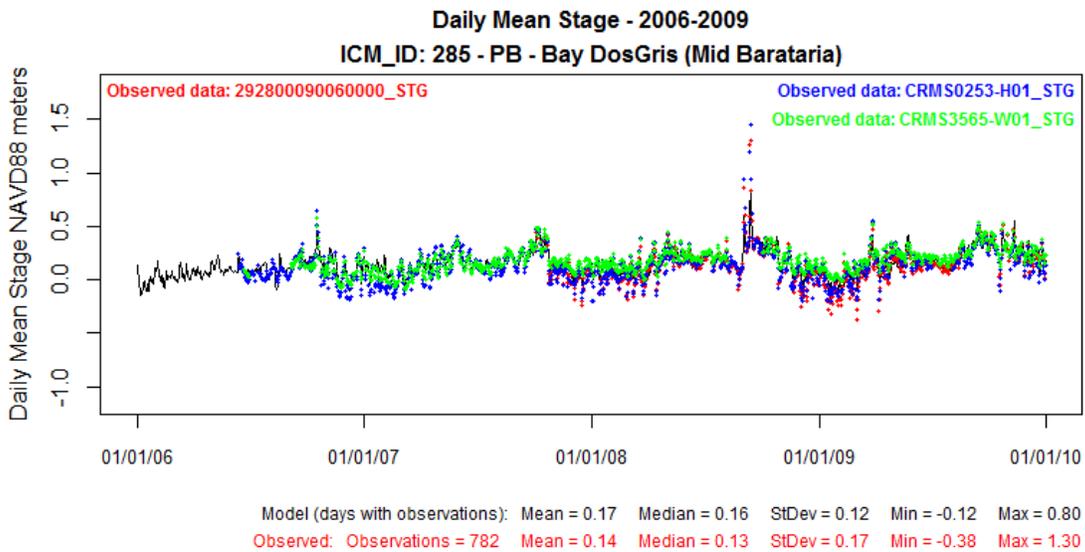


Figure 152: Modeled Stage at ICM Compartment 285 (solid black line) Compared to Observed Data at USGS292800090060000 for Validation Period, 2006-2009.

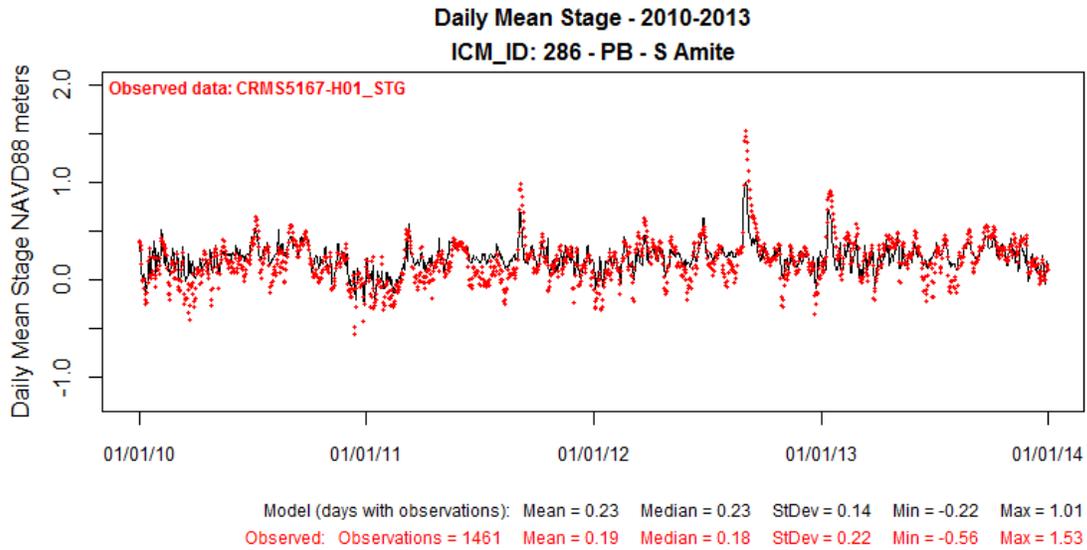


Figure 153: Modeled Stage at ICM Compartment 286 (solid black line) Compared to Observed Data at CRMS5167-H01 for Calibration Period, 2010-2013.

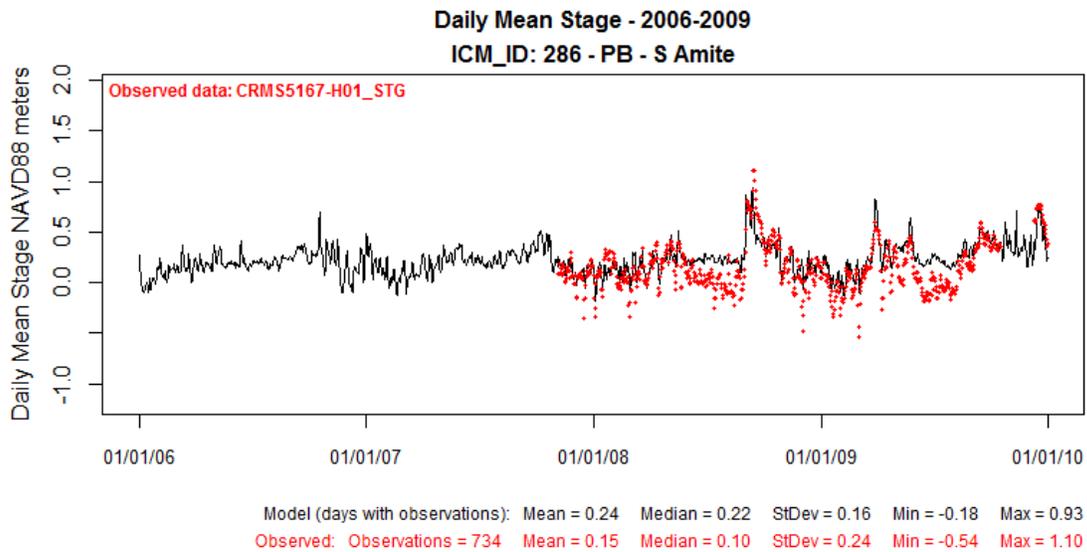


Figure 154: Modeled Stage at ICM Compartment 286 (solid black line) Compared to Observed Data at CRMS5167-H01 for Validation Period, 2006-2009.

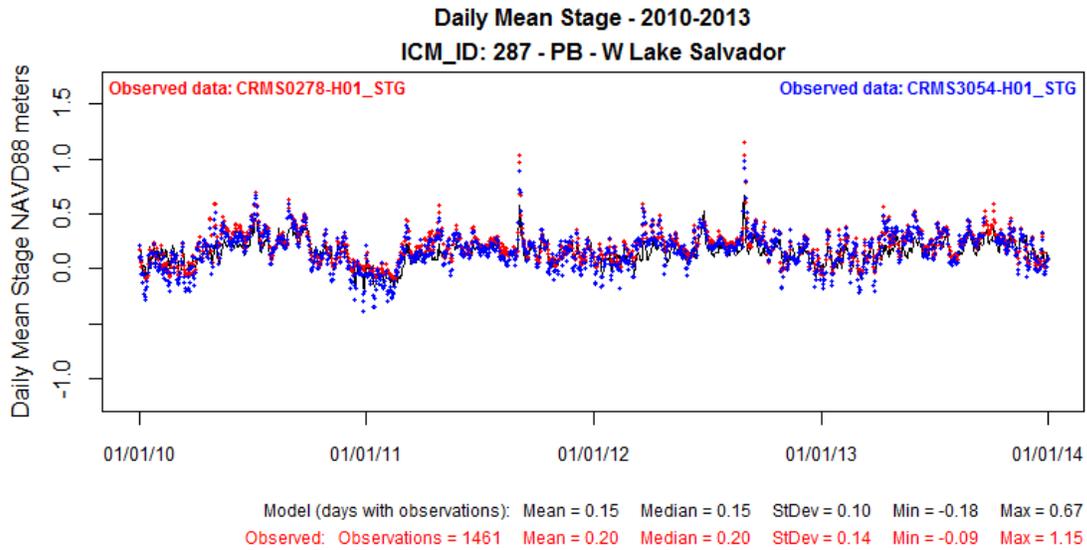


Figure 155: Modeled Stage at ICM Compartment 287 (solid black line) Compared to Observed Data at CRMS0278-H01 for Calibration Period, 2010-2013.

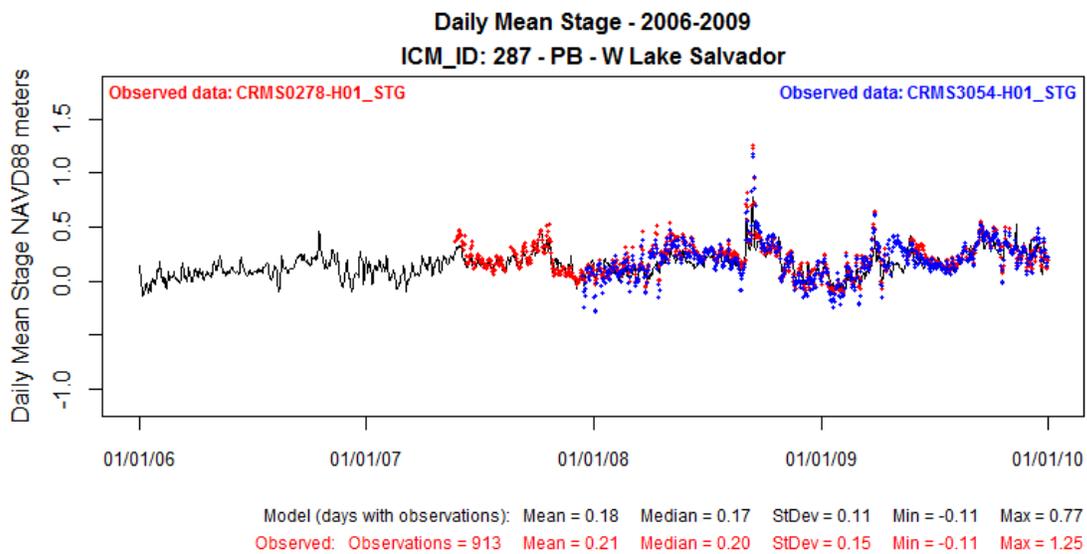


Figure 156: Modeled Stage at ICM Compartment 287 (solid black line) Compared to Observed Data at CRMS0278-H01 for Validation Period, 2006-2009.

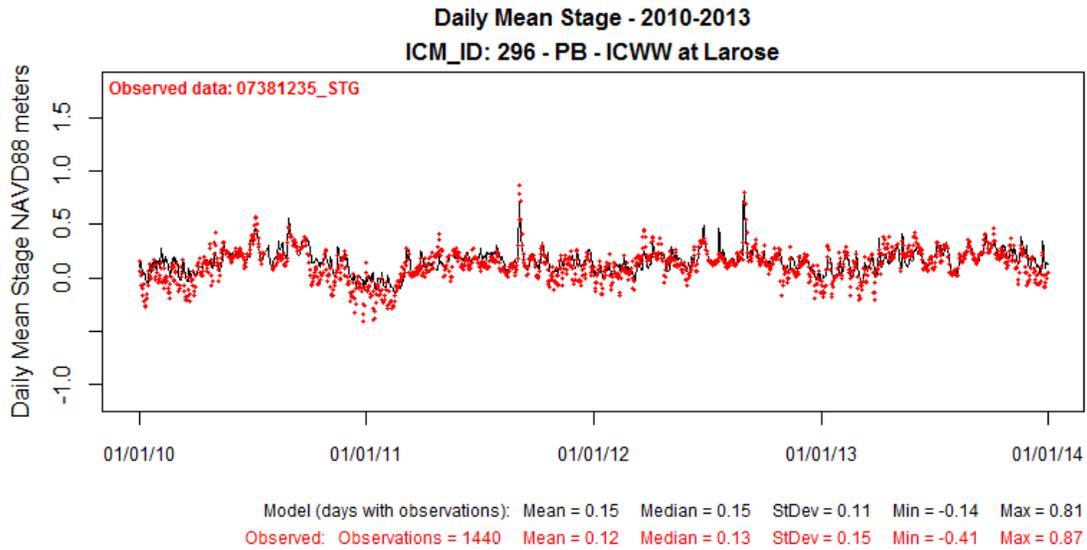


Figure 157: Modeled Stage at ICM Compartment 296 (solid black line) Compared to Observed Data at USGS07381235 for Calibration Period, 2010-2013.

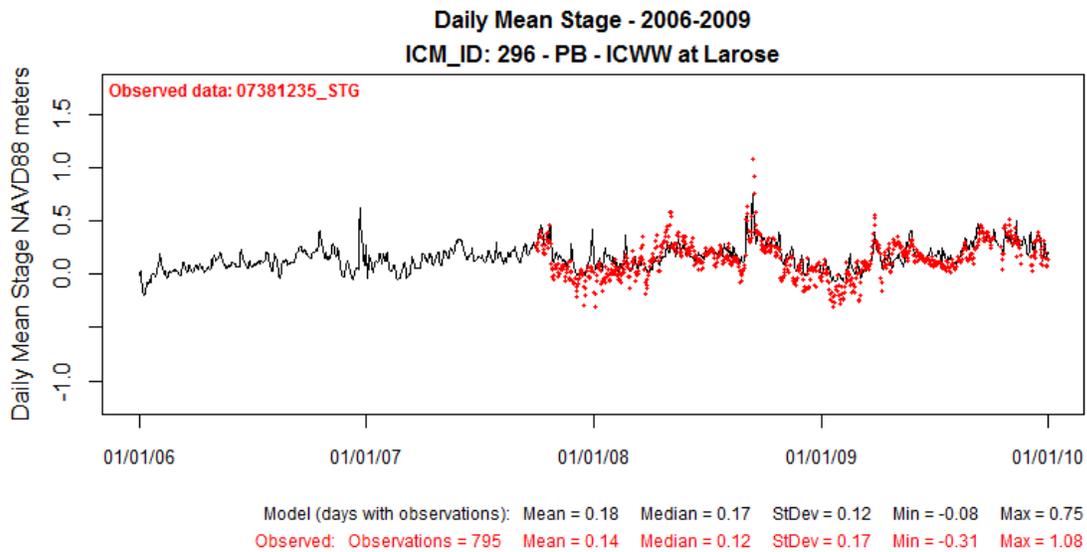


Figure 158: Modeled Stage at ICM Compartment 296 (solid black line) Compared to Observed Data at USGS07381235 for Validation Period, 2006-2009.

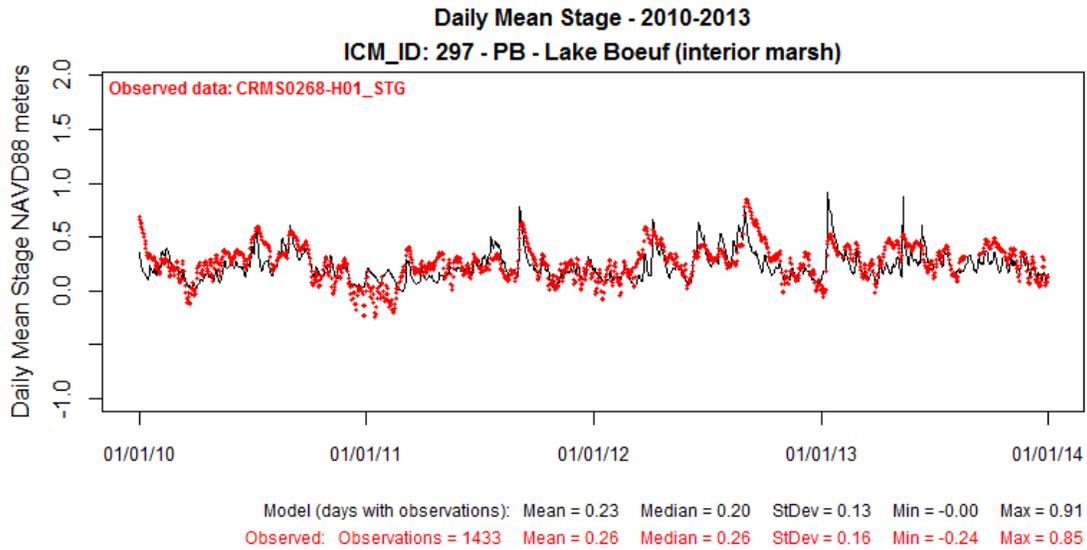


Figure 159: Modeled Stage at ICM Compartment 297 (solid black line) Compared to Observed Data at CRMS0268-H01 for Calibration Period, 2010-2013.

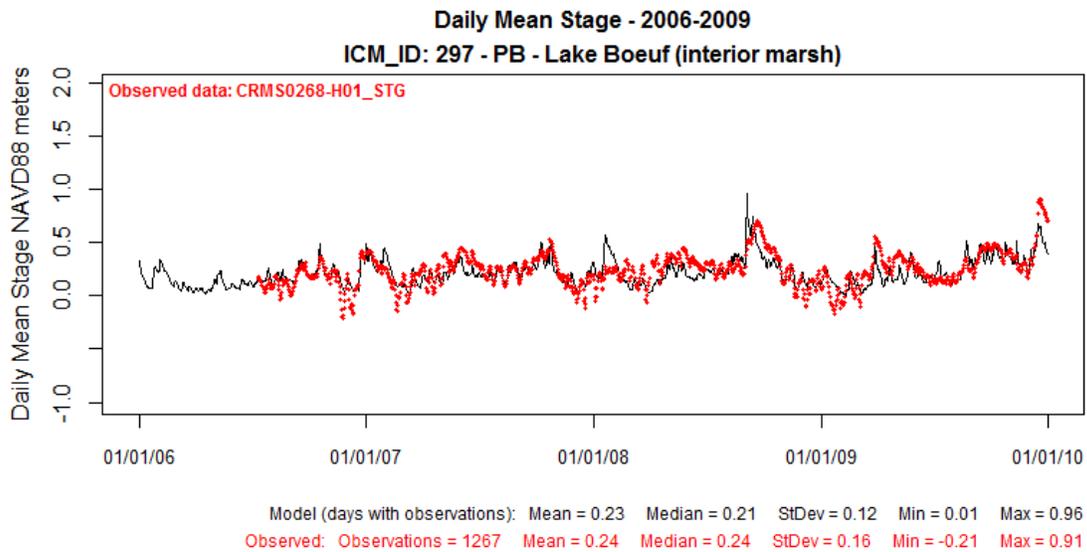


Figure 160: Modeled Stage at ICM Compartment 297 (solid black line) Compared to Observed Data at CRMS0268-H01 for Validation Period, 2006-2009.

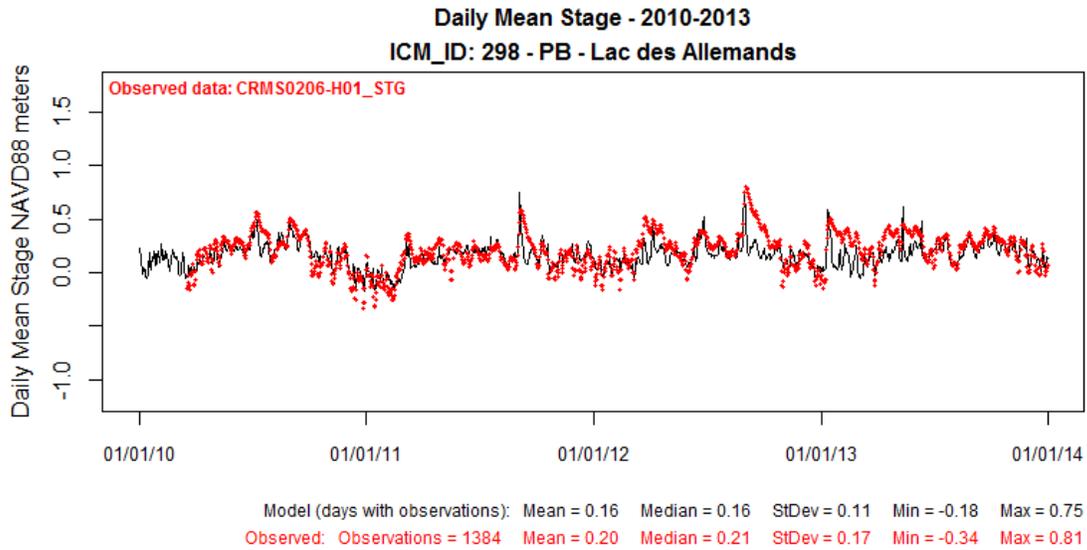


Figure 161: Modeled Stage at ICM Compartment 298 (solid black line) Compared to Observed Data at CRMS0206-H01 for Calibration Period, 2010-2013.

Figure 162: No Validation figure for ICM Compartment 298.

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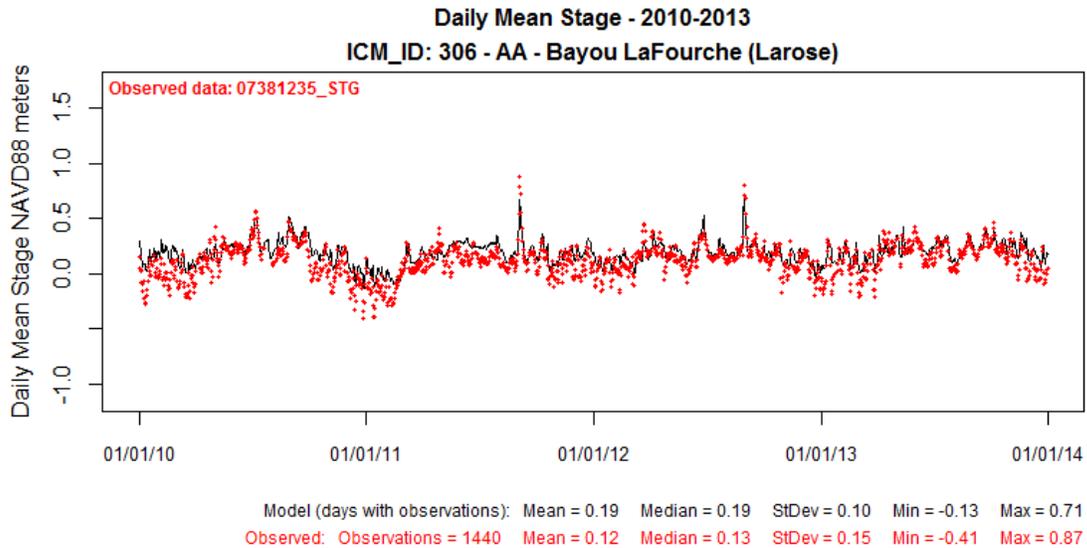


Figure 163: Modeled Stage at ICM Compartment 306 (solid black line) Compared to Observed Data at USGS07381235 for Calibration Period, 2010-2013.

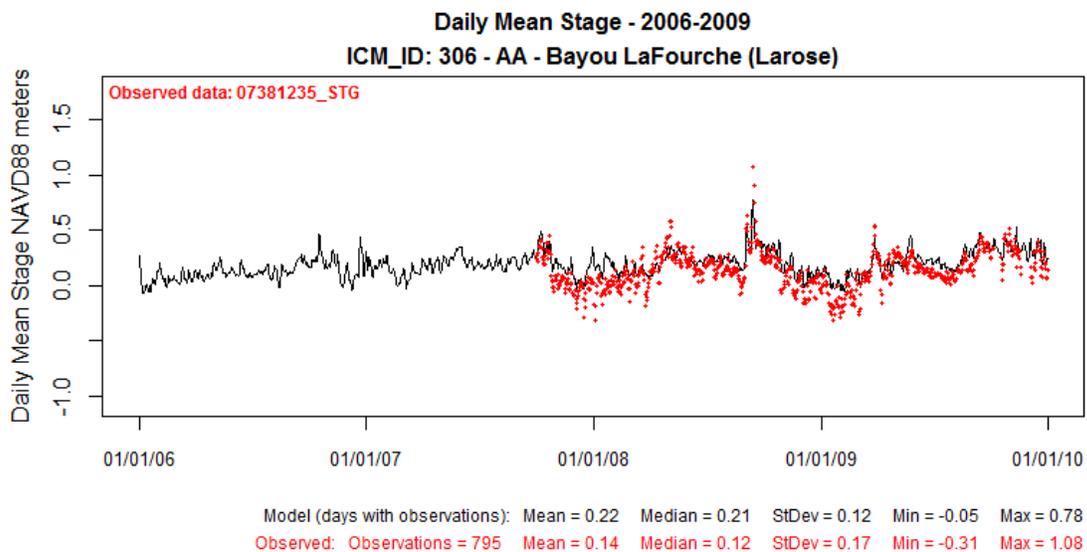


Figure 164: Modeled Stage at ICM Compartment 306 (solid black line) Compared to Observed Data at USGS07381235 for Validation Period, 2006-2009.

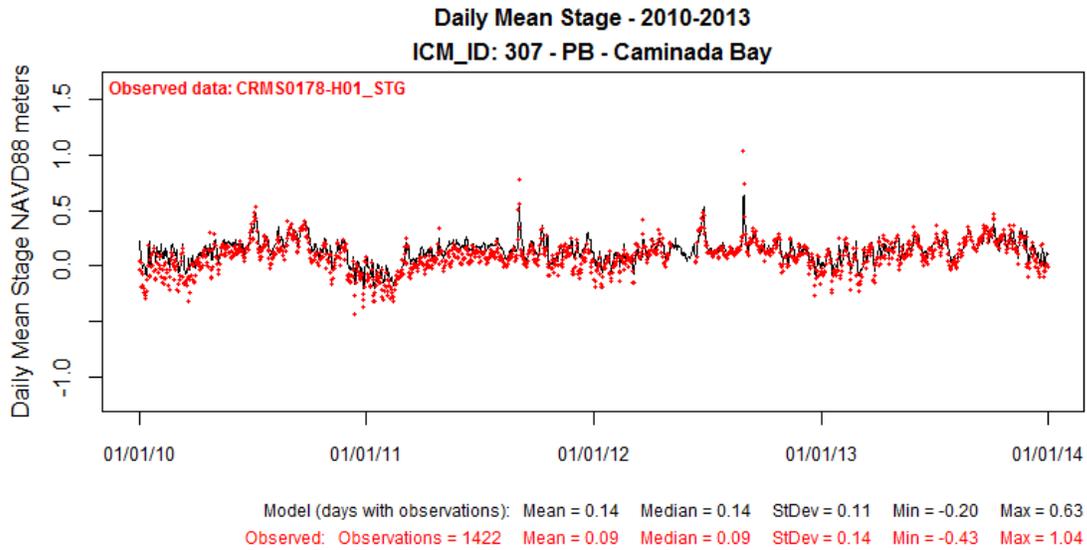


Figure 165: Modeled Stage at ICM Compartment 307 (solid black line) Compared to Observed Data at CRMS0178-H01 for Calibration Period, 2010-2013.

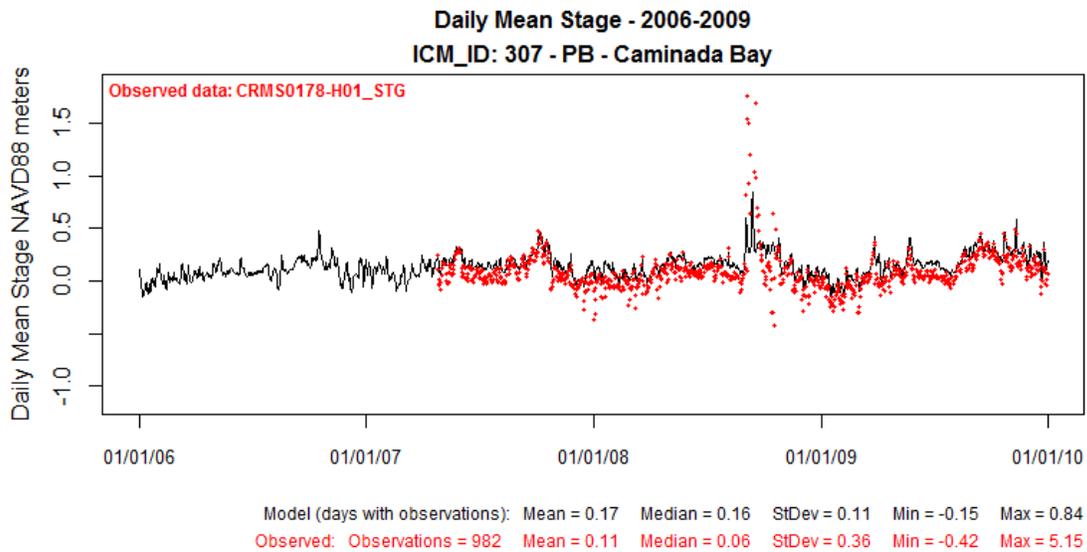


Figure 166: Modeled Stage at ICM Compartment 307 (solid black line) Compared to Observed Data at CRMS0178-H01 for Validation Period, 2006-2009.

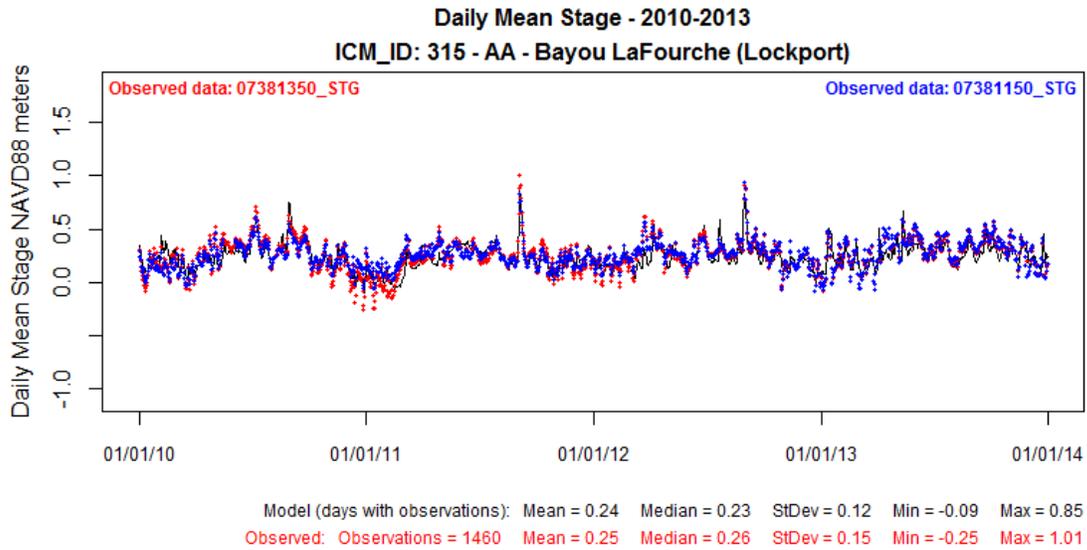


Figure 167: Modeled Stage at ICM Compartment 315 (solid black line) Compared to Observed Data at USGS07381350 for Calibration Period, 2010-2013.

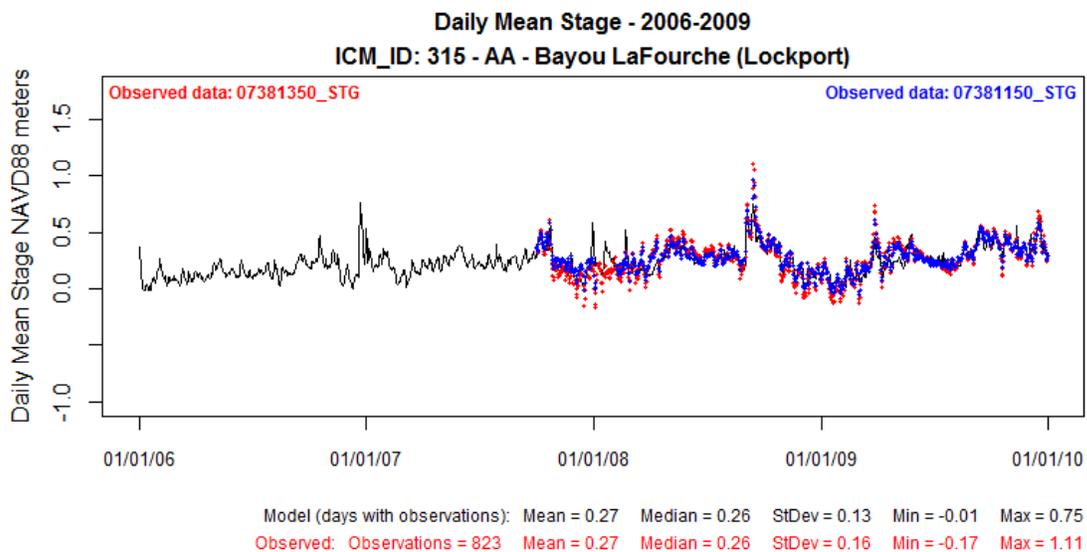


Figure 168: Modeled Stage at ICM Compartment 315 (solid black line) Compared to Observed Data at USGS07381350 for Validation Period, 2006-2009.

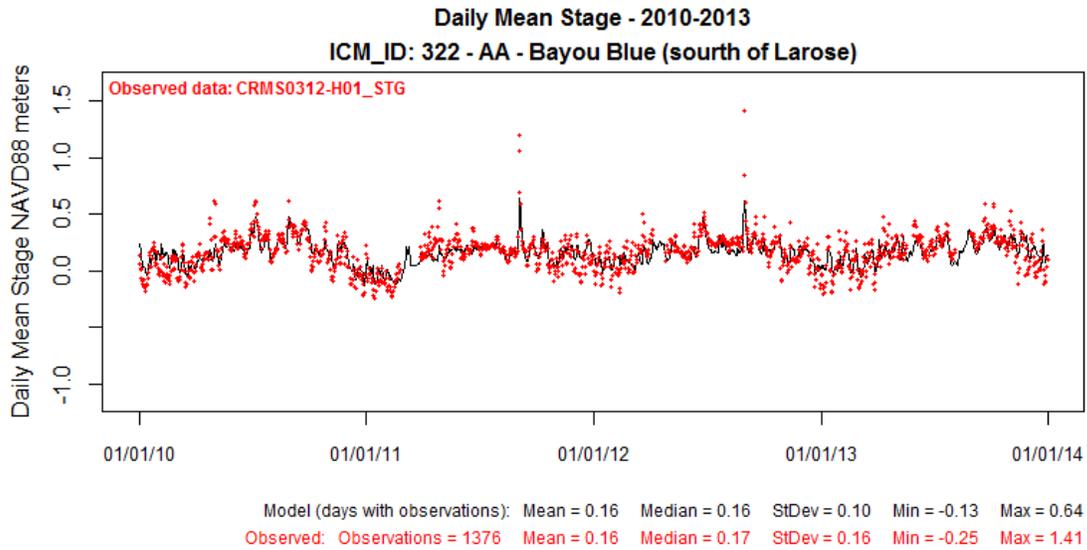


Figure 169: Modeled Stage at ICM Compartment 322 (solid black line) Compared to Observed Data at CRMS0312-H01 for Calibration Period, 2010-2013.

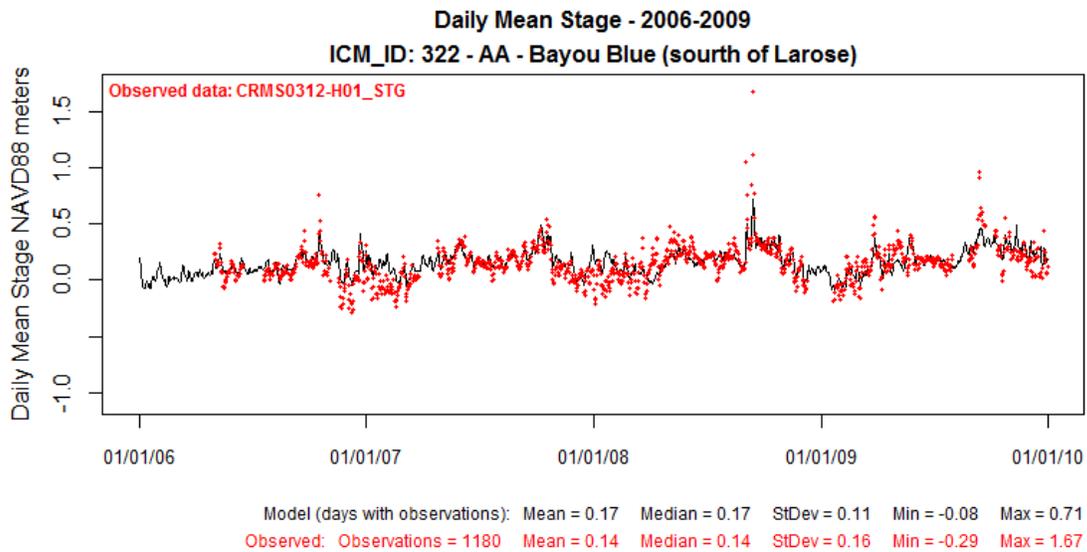


Figure 170: Modeled Stage at ICM Compartment 322 (solid black line) Compared to Observed Data at CRMS0312-H01 for Validation Period, 2006-2009.

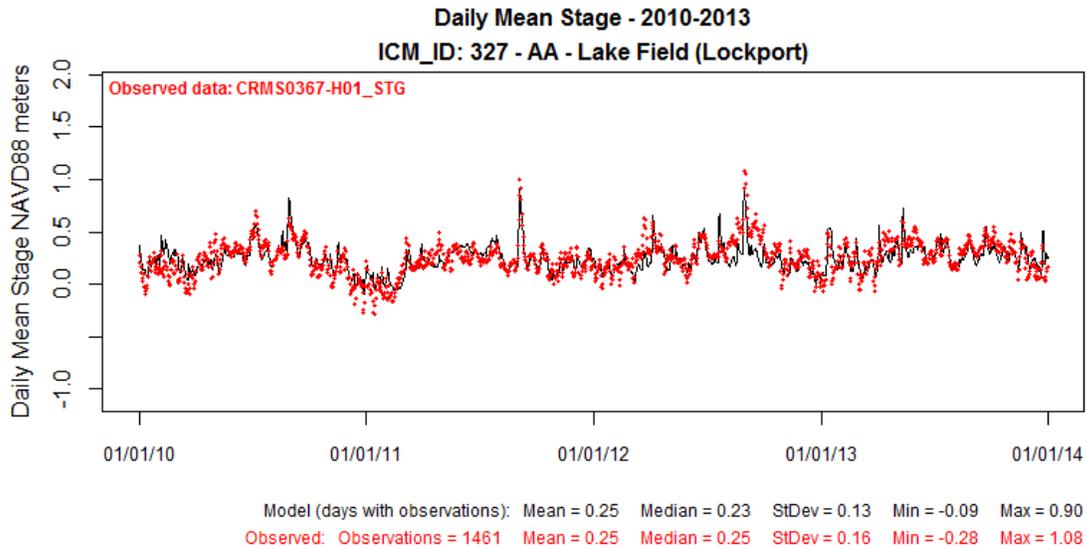


Figure 171: Modeled Stage at ICM Compartment 327 (solid black line) Compared to Observed Data at CRMS0367-H01 for Calibration Period, 2010-2013.

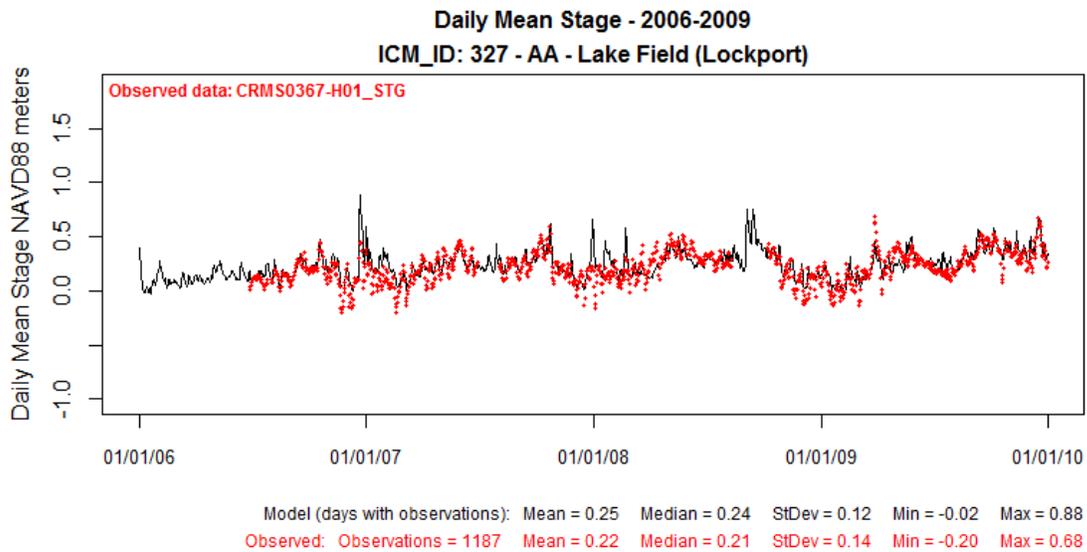


Figure 172: Modeled Stage at ICM Compartment 327 (solid black line) Compared to Observed Data at CRMS0367-H01 for Validation Period, 2006-2009.

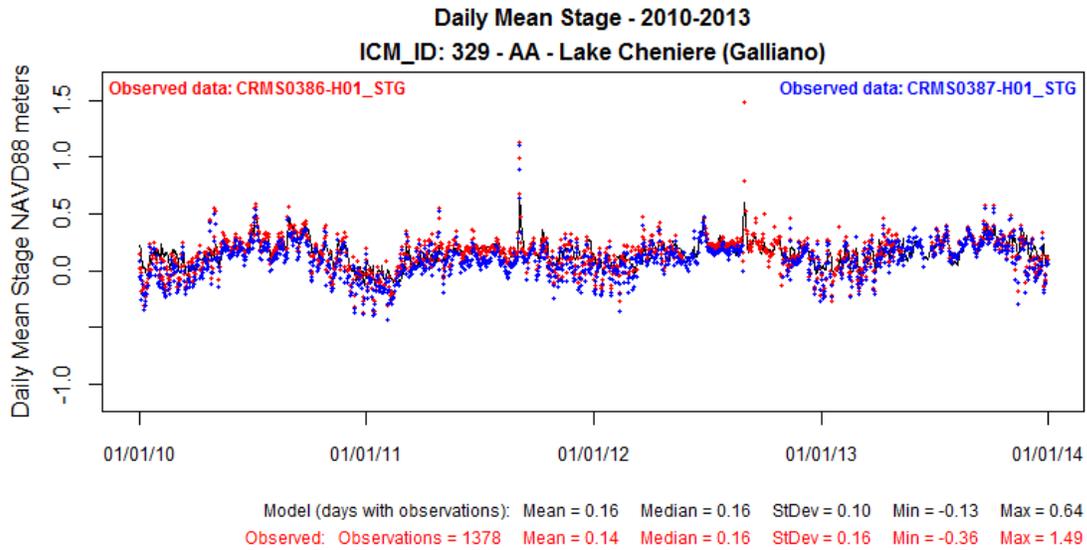


Figure 173: Modeled Stage at ICM Compartment 329 (solid black line) Compared to Observed Data at CRMS0386-H01 for Calibration Period, 2010-2013.

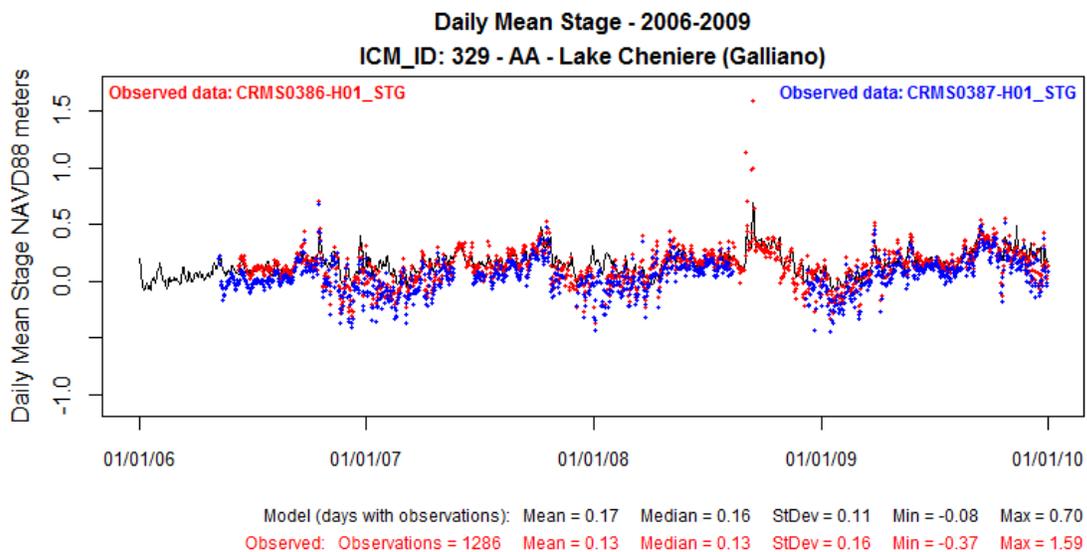


Figure 174: Modeled Stage at ICM Compartment 329 (solid black line) Compared to Observed Data at CRMS0386-H01 for Validation Period, 2006-2009.

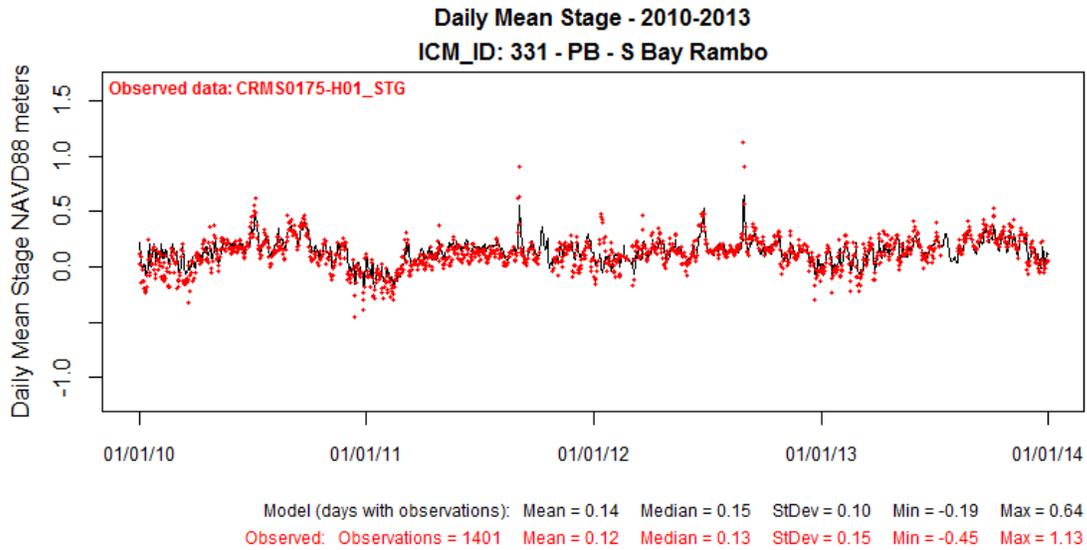


Figure 175: Modeled Stage at ICM Compartment 331 (solid black line) Compared to Observed Data at CRMS0175-H01 for Calibration Period, 2010-2013.

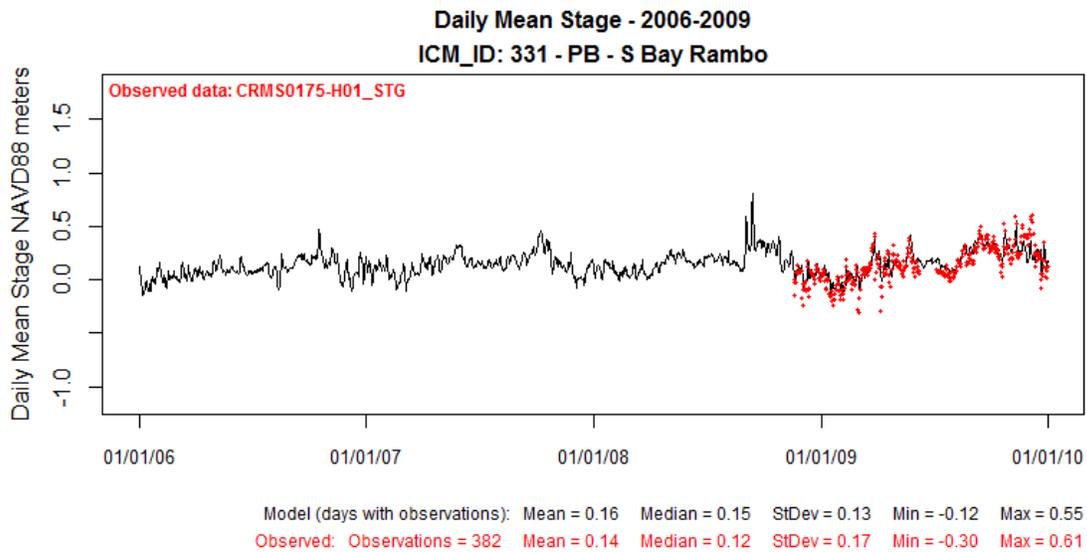


Figure 176: Modeled Stage at ICM Compartment 331 (solid black line) Compared to Observed Data at CRMS0175-H01 for Validation Period, 2006-2009.

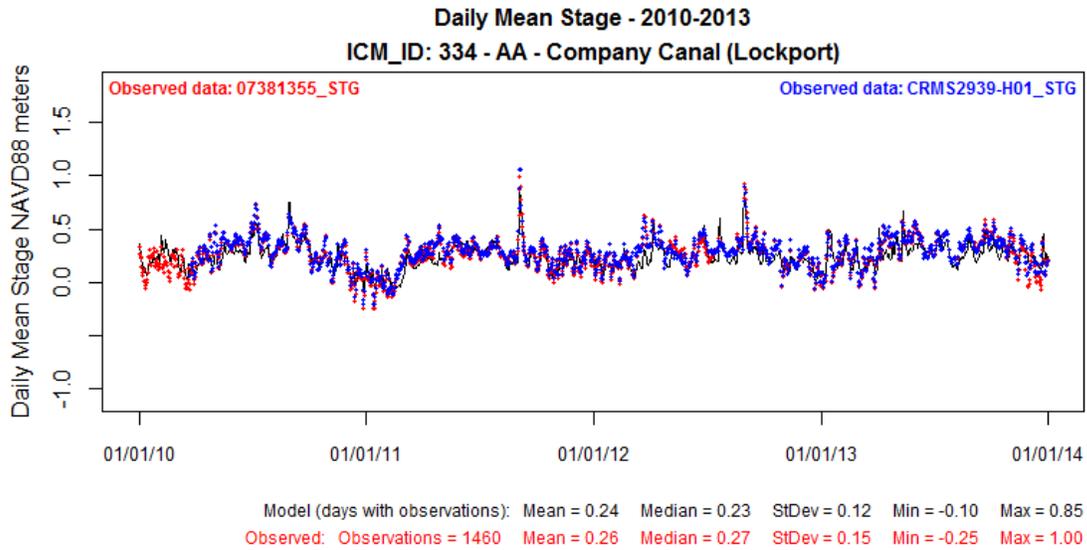


Figure 177: Modeled Stage at ICM Compartment 334 (solid black line) Compared to Observed Data at USGS07381355 for Calibration Period, 2010-2013.

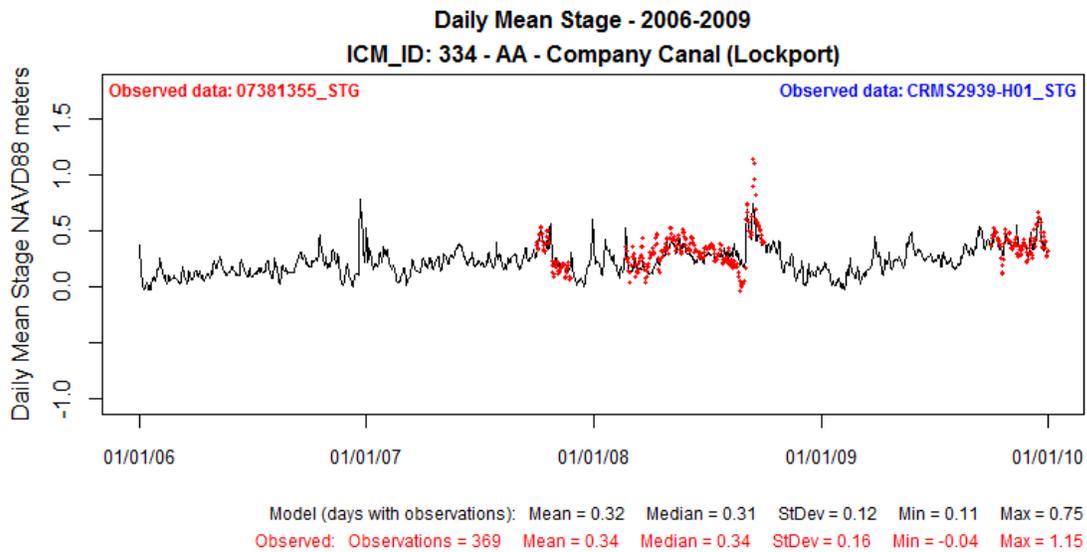


Figure 178: Modeled Stage at ICM Compartment 334 (solid black line) Compared to Observed Data at USGS07381355 for Validation Period, 2006-2009.

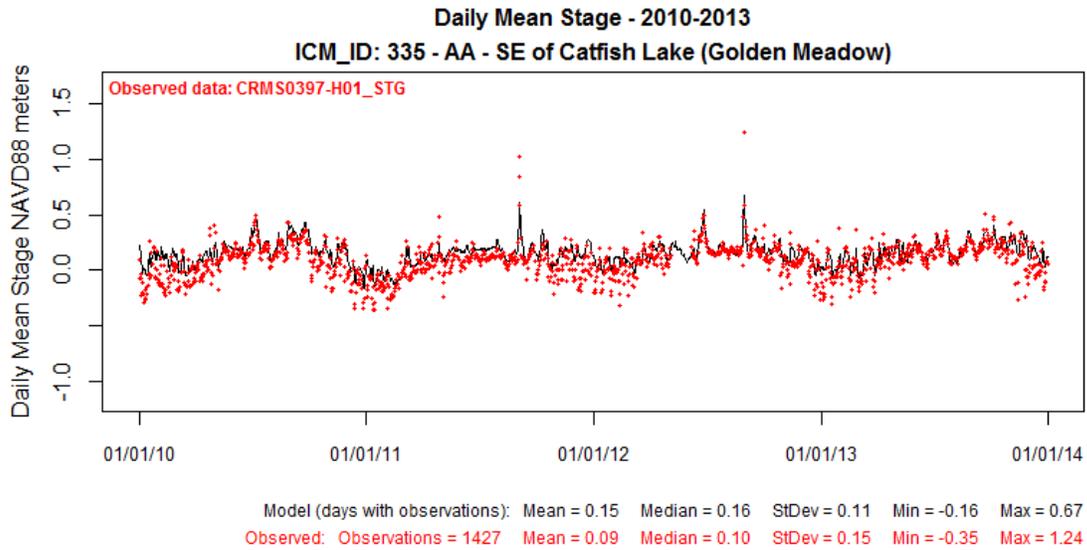


Figure 179: Modeled Stage at ICM Compartment 335 (solid black line) Compared to Observed Data at CRMS0397-H01 for Calibration Period, 2010-2013.

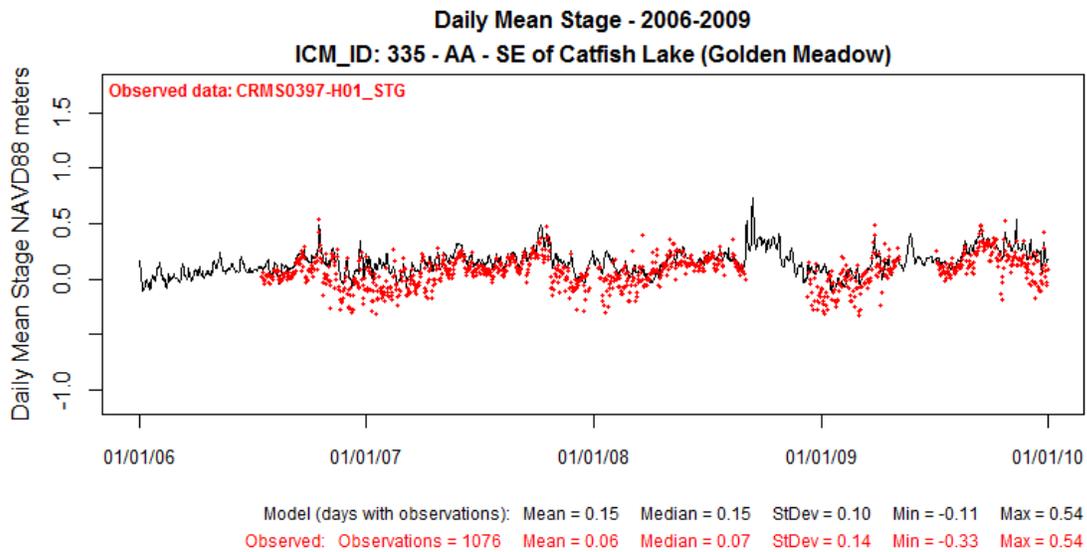


Figure 180: Modeled Stage at ICM Compartment 335 (solid black line) Compared to Observed Data at CRMS0397-H01 for Validation Period, 2006-2009.

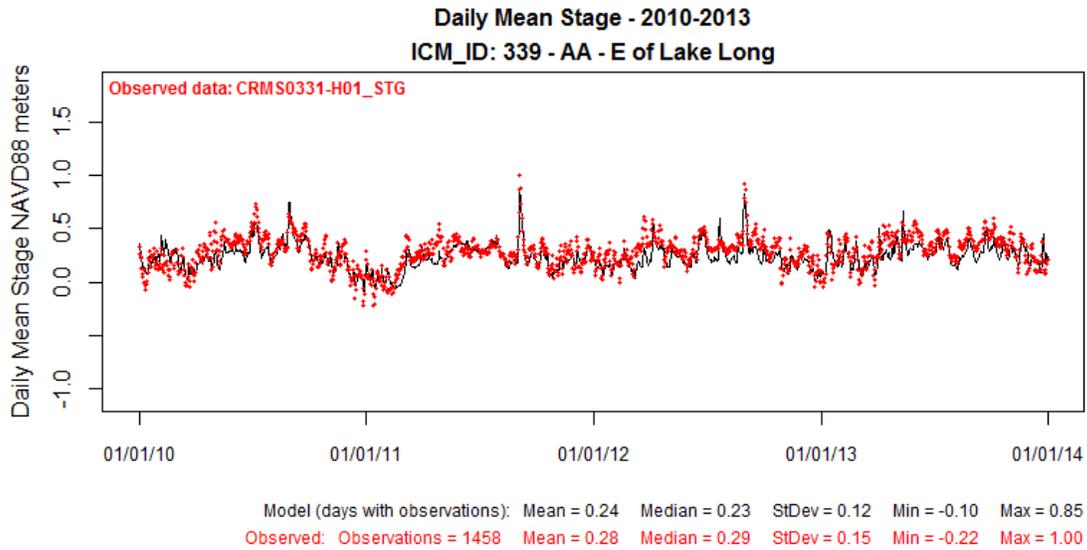


Figure 181: Modeled Stage at ICM Compartment 339 (solid black line) Compared to Observed Data at CRMS0331-H01 for Calibration Period, 2010-2013.

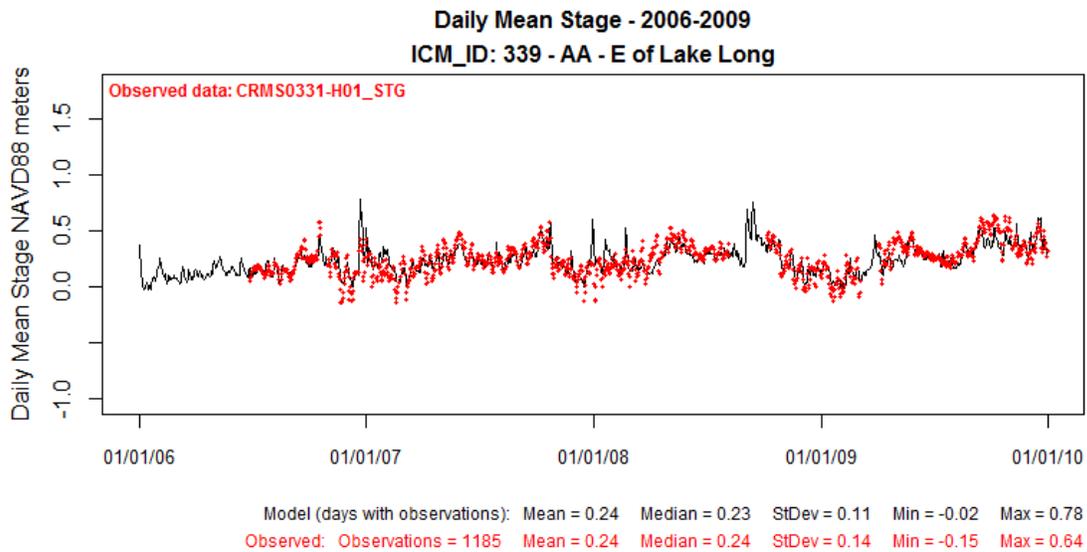


Figure 182: Modeled Stage at ICM Compartment 339 (solid black line) Compared to Observed Data at CRMS0331-H01 for Validation Period, 2006-2009.

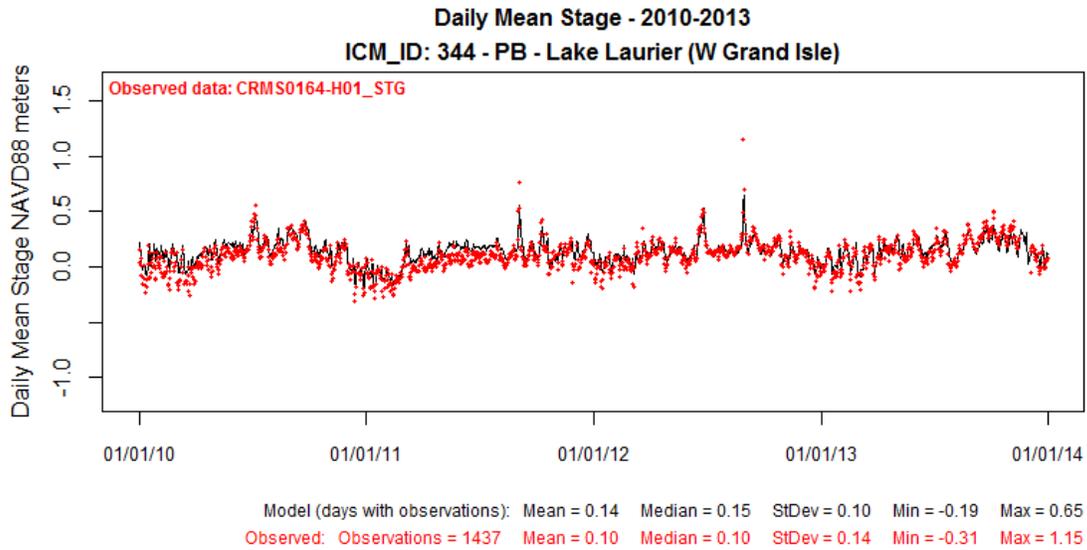


Figure 183: Modeled Stage at ICM Compartment 344 (solid black line) Compared to Observed Data at CRMS0164-H01 for Calibration Period, 2010-2013.

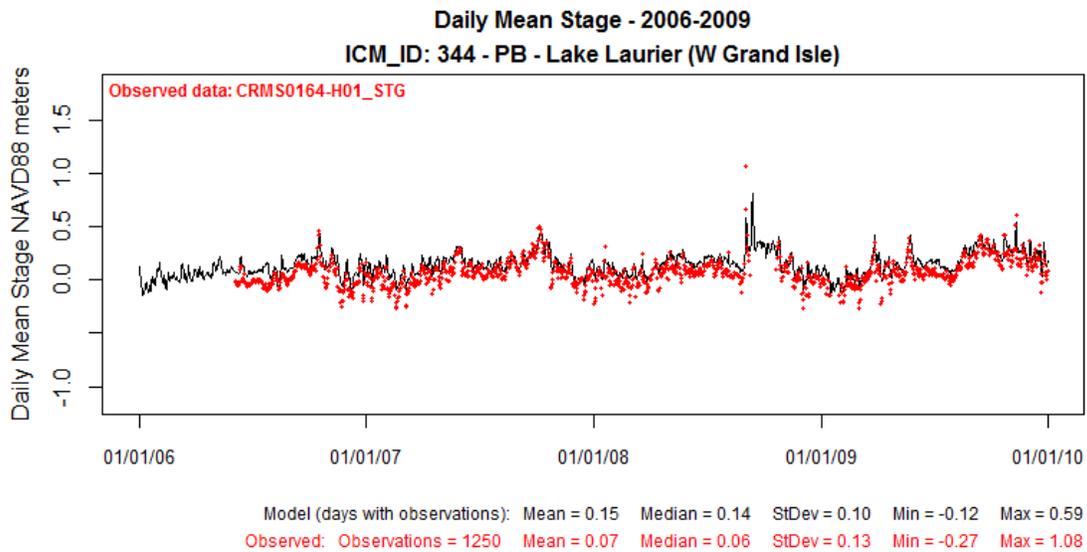


Figure 184: Modeled Stage at ICM Compartment 344 (solid black line) Compared to Observed Data at CRMS0164-H01 for Validation Period, 2006-2009.

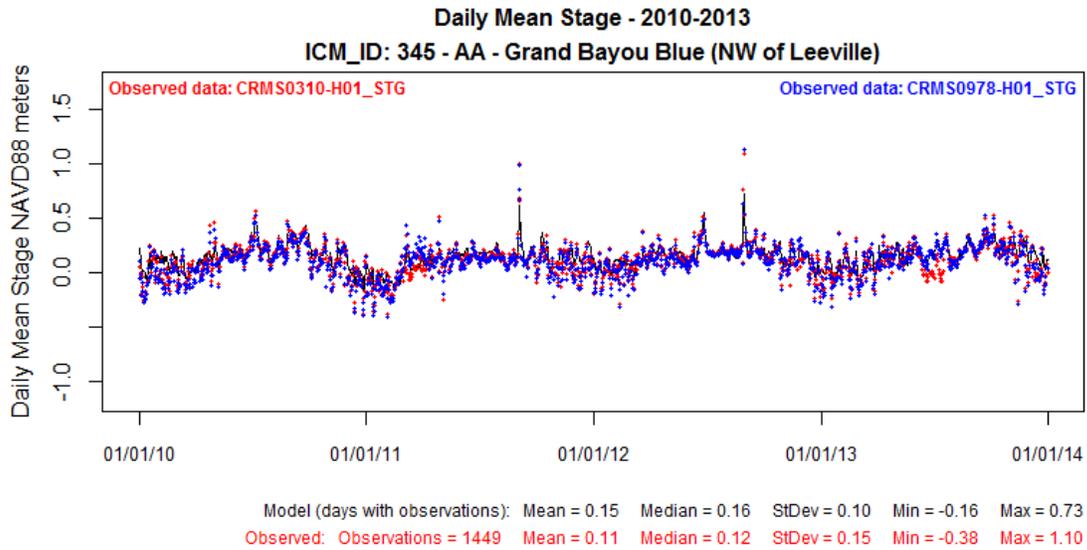


Figure 185: Modeled Stage at ICM Compartment 345 (solid black line) Compared to Observed Data at CRMS0310-H01 for Calibration Period, 2010-2013.

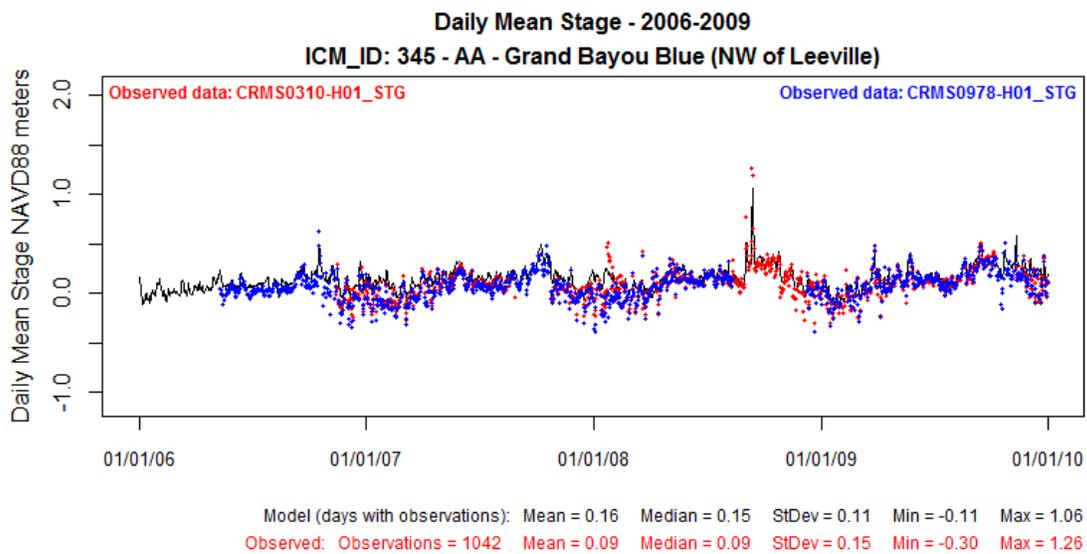


Figure 186: Modeled Stage at ICM Compartment 345 (solid black line) Compared to Observed Data at CRMS0310-H01 for Validation Period, 2006-2009.

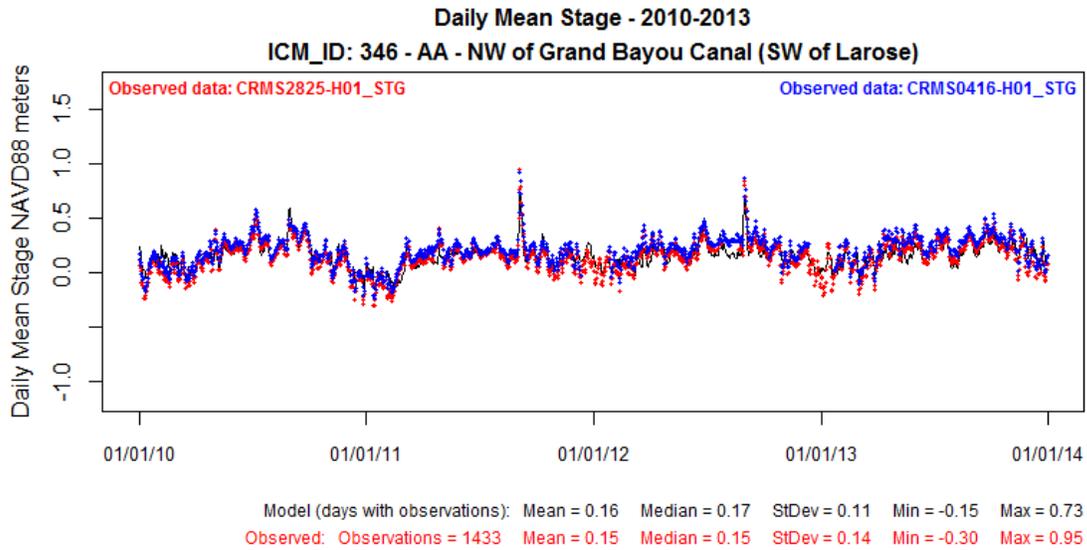


Figure 187: Modeled Stage at ICM Compartment 346 (solid black line) Compared to Observed Data at CRMS2825-H01 for Calibration Period, 2010-2013.

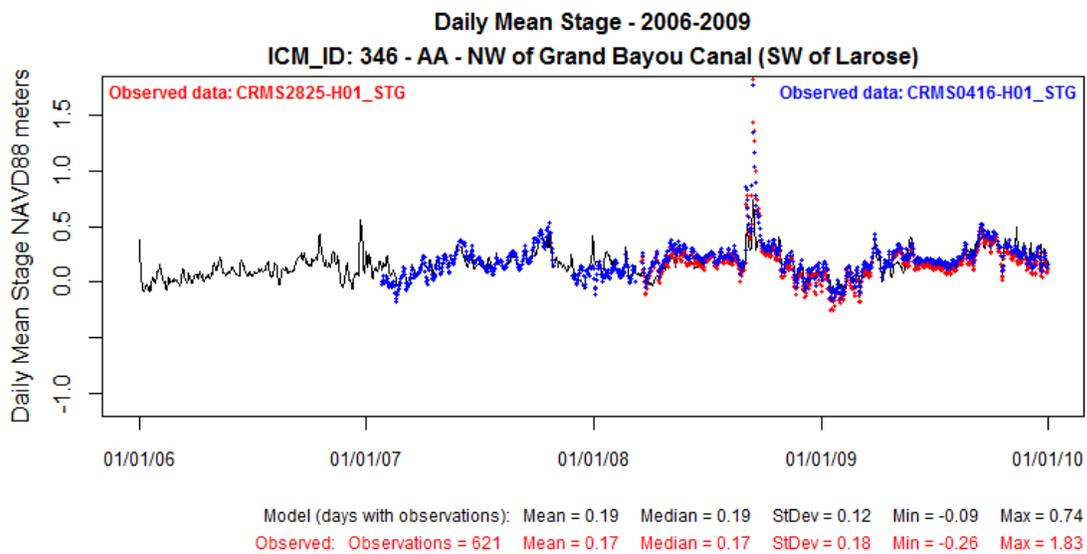


Figure 188: Modeled Stage at ICM Compartment 346 (solid black line) Compared to Observed Data at CRMS2825-H01 for Validation Period, 2006-2009.

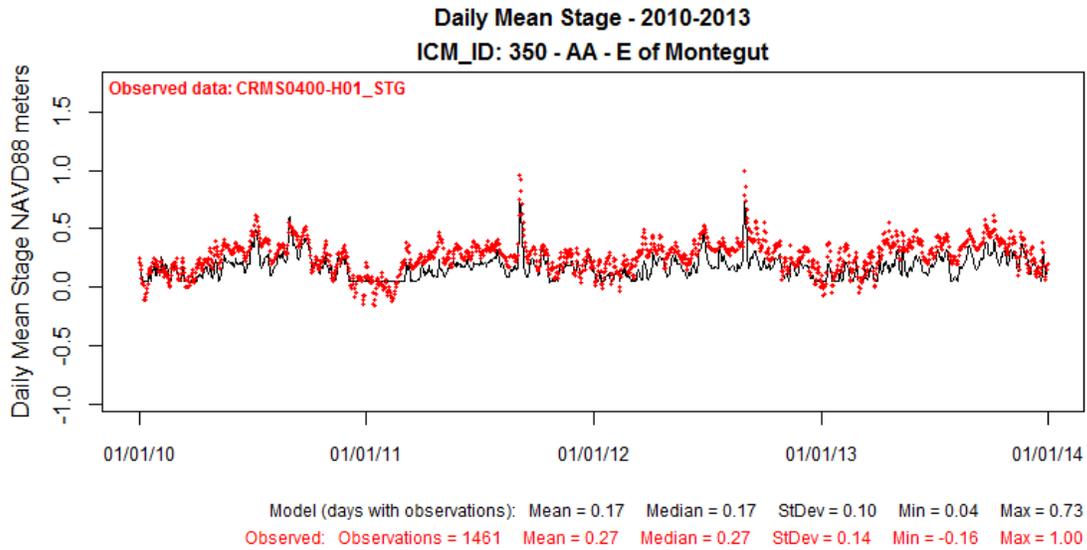


Figure 189: Modeled Stage at ICM Compartment 350 (solid black line) Compared to Observed Data at CRMS0400-H01 for Calibration Period, 2010-2013.

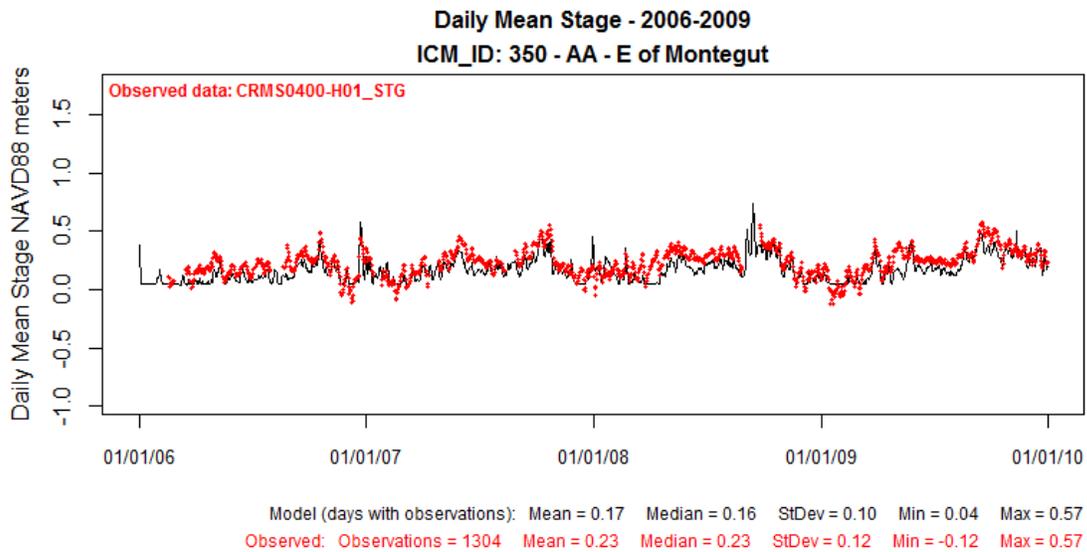


Figure 190: Modeled Stage at ICM Compartment 350 (solid black line) Compared to Observed Data at CRMS0400-H01 for Validation Period, 2006-2009.

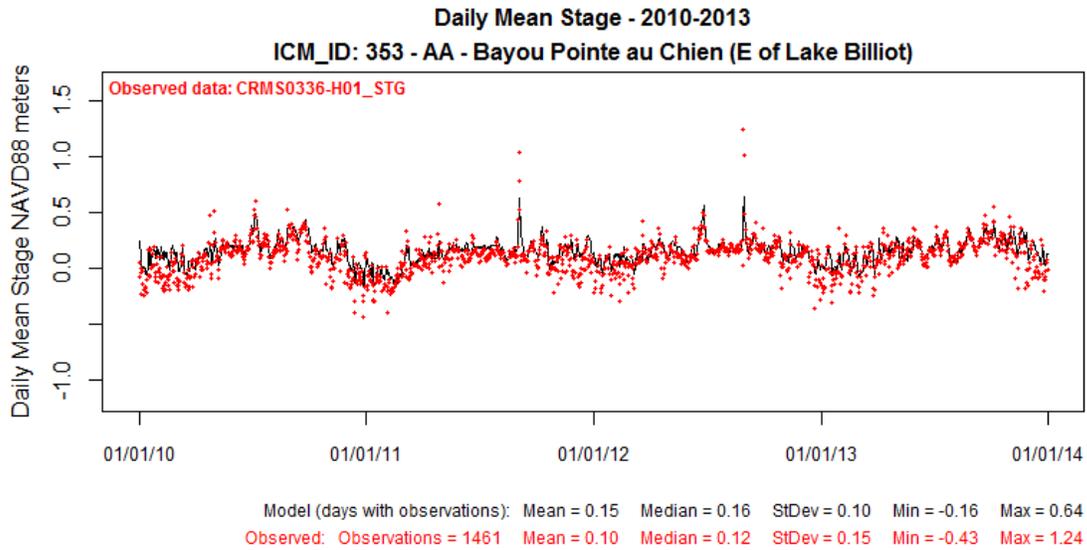


Figure 191: Modeled Stage at ICM Compartment 353 (solid black line) Compared to Observed Data at CRMS0336-H01 for Calibration Period, 2010-2013.

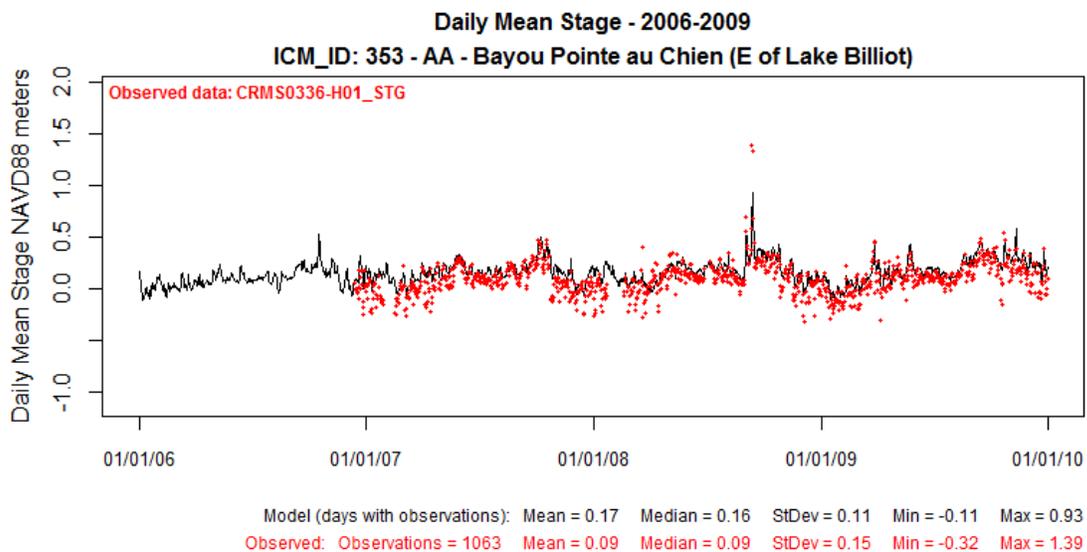


Figure 192: Modeled Stage at ICM Compartment 353 (solid black line) Compared to Observed Data at CRMS0336-H01 for Validation Period, 2006-2009.

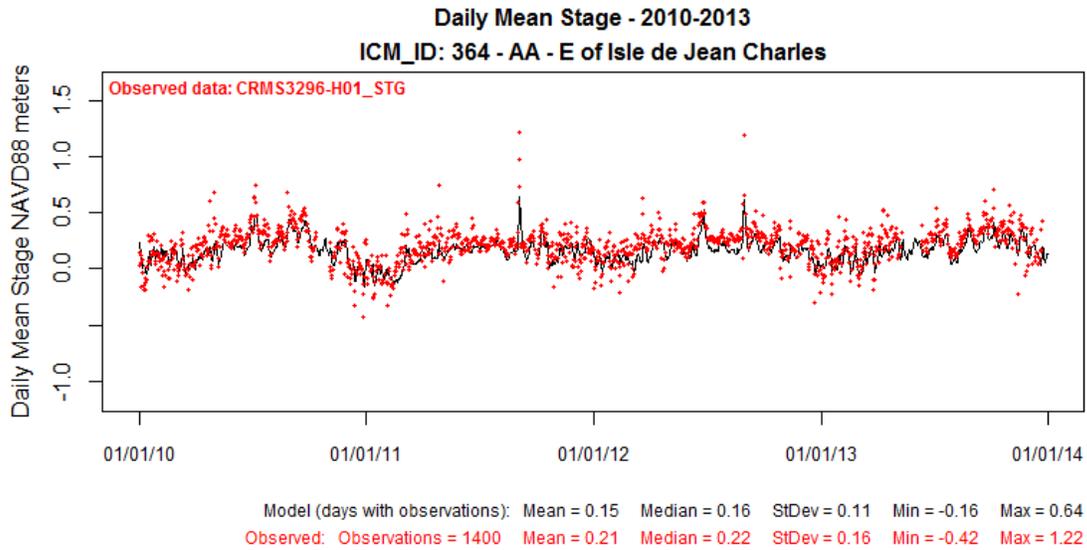


Figure 193: Modeled Stage at ICM Compartment 364 (solid black line) Compared to Observed Data at CRMS3296-H01 for Calibration Period, 2010-2013.

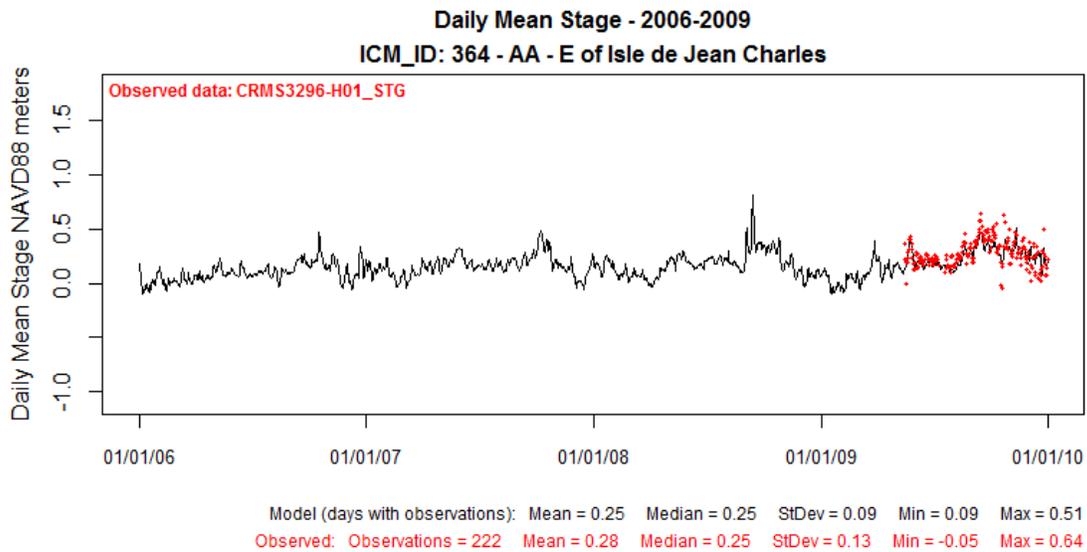


Figure 194: Modeled Stage at ICM Compartment 364 (solid black line) Compared to Observed Data at CRMS3296-H01 for Validation Period, 2006-2009.

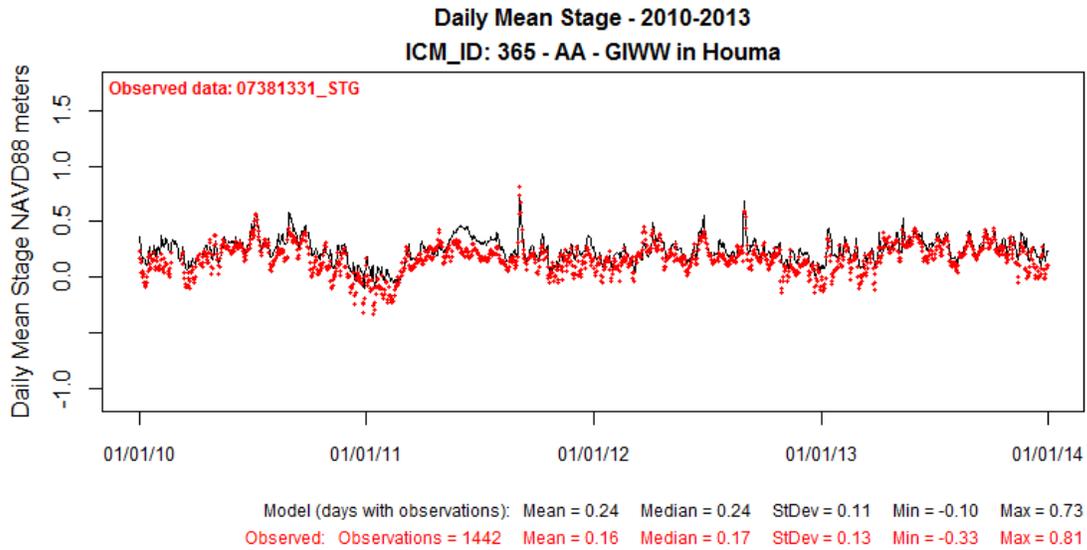


Figure 195: Modeled Stage at ICM Compartment 365 (solid black line) Compared to Observed Data at USGS07381331 for Calibration Period, 2010-2013.

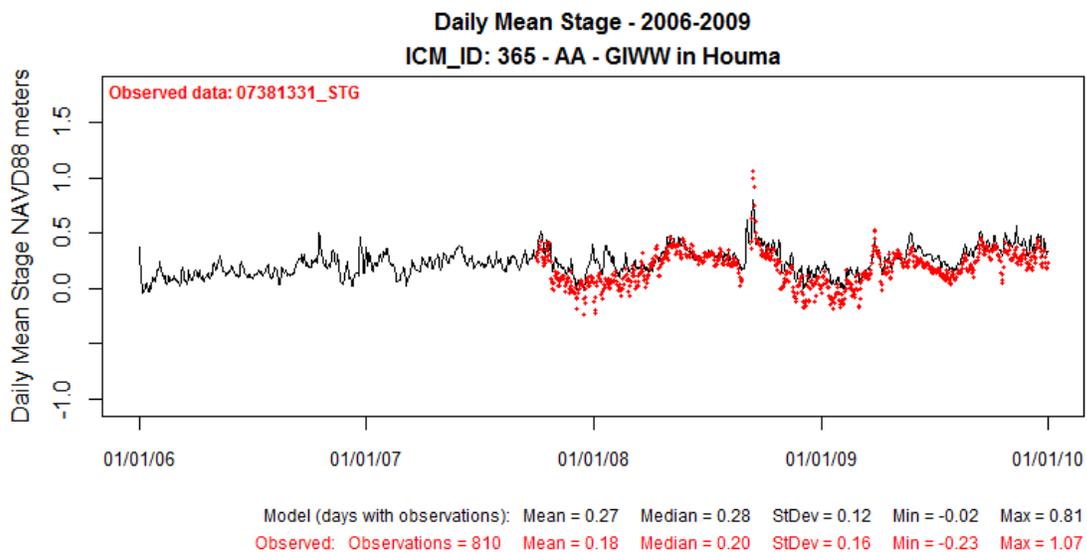


Figure 196: Modeled Stage at ICM Compartment 365 (solid black line) Compared to Observed Data at USGS07381331 for Validation Period, 2006-2009.

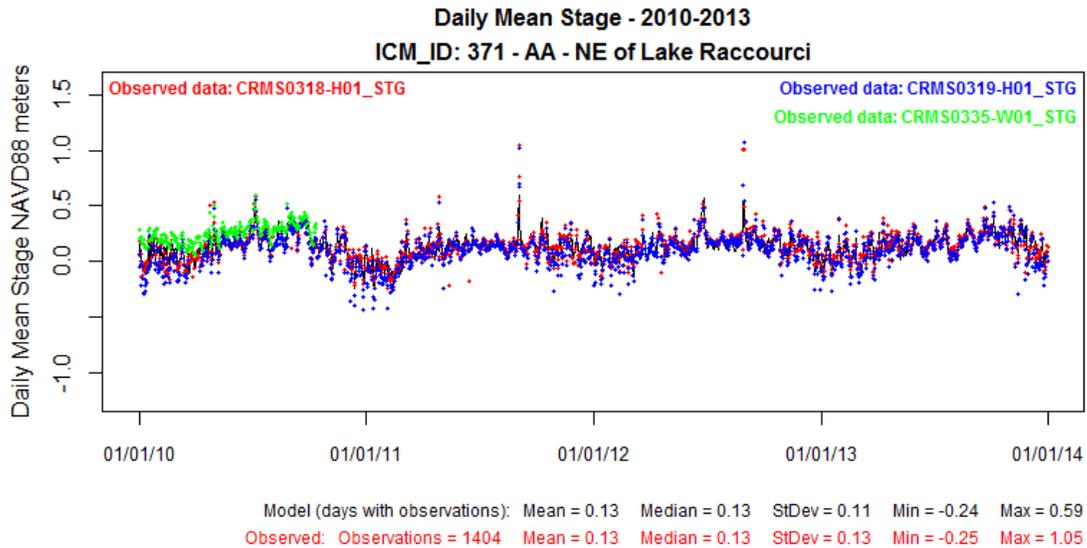


Figure 197: Modeled Stage at ICM Compartment 371 (solid black line) Compared to Observed Data at CRMS0318-H01 for Calibration Period, 2010-2013.

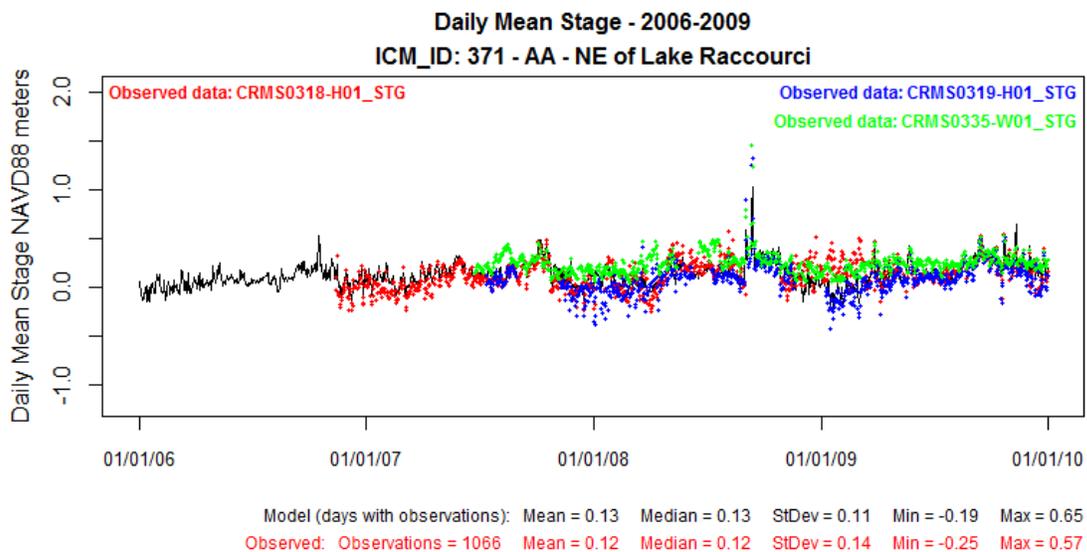


Figure 198: Modeled Stage at ICM Compartment 371 (solid black line) Compared to Observed Data at CRMS0318-H01 for Validation Period, 2006-2009.

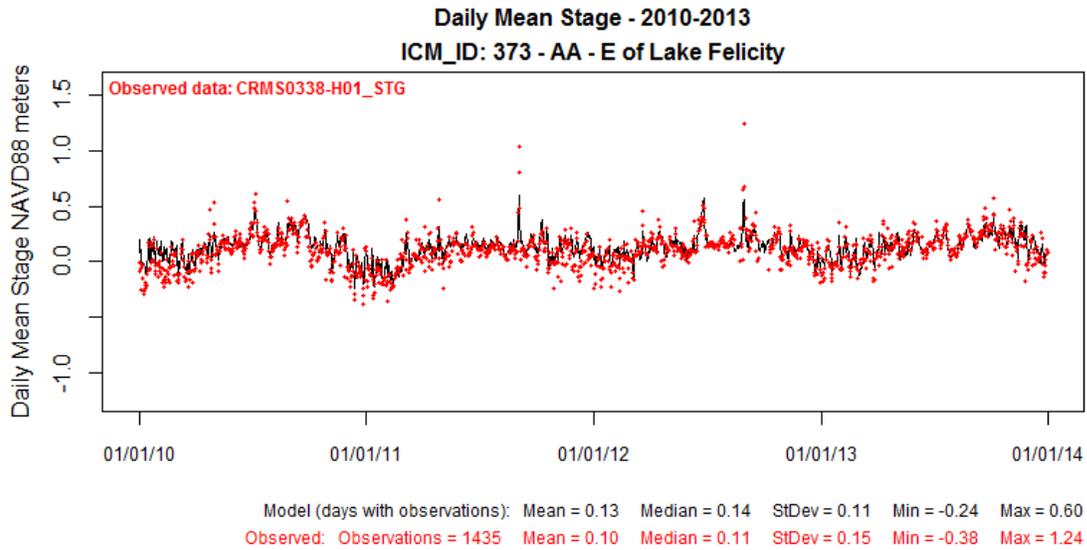


Figure 199: Modeled Stage at ICM Compartment 373 (solid black line) Compared to Observed Data at CRMS0338-H01 for Calibration Period, 2010-2013.

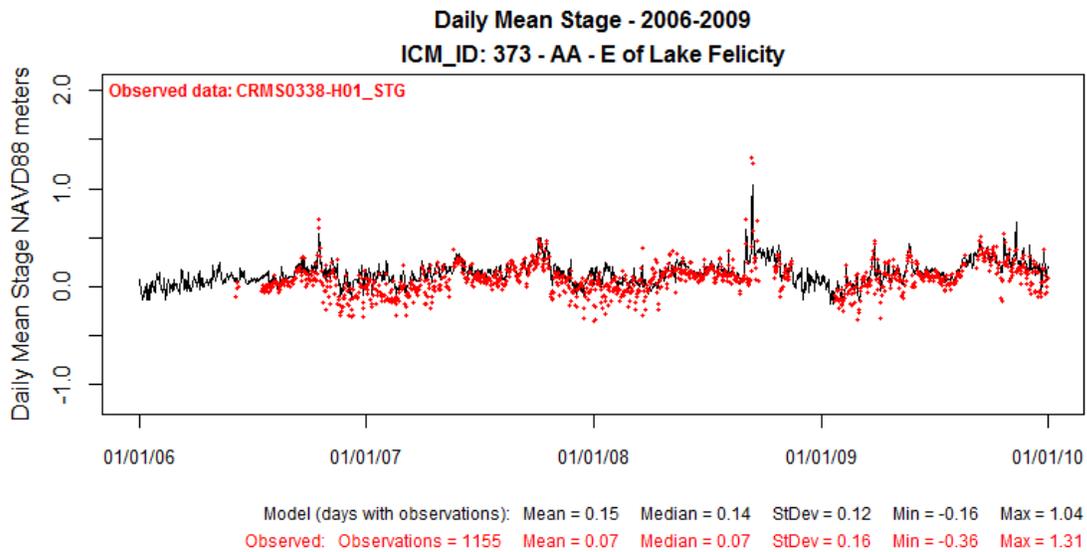


Figure 200: Modeled Stage at ICM Compartment 373 (solid black line) Compared to Observed Data at CRMS0338-H01 for Validation Period, 2006-2009.

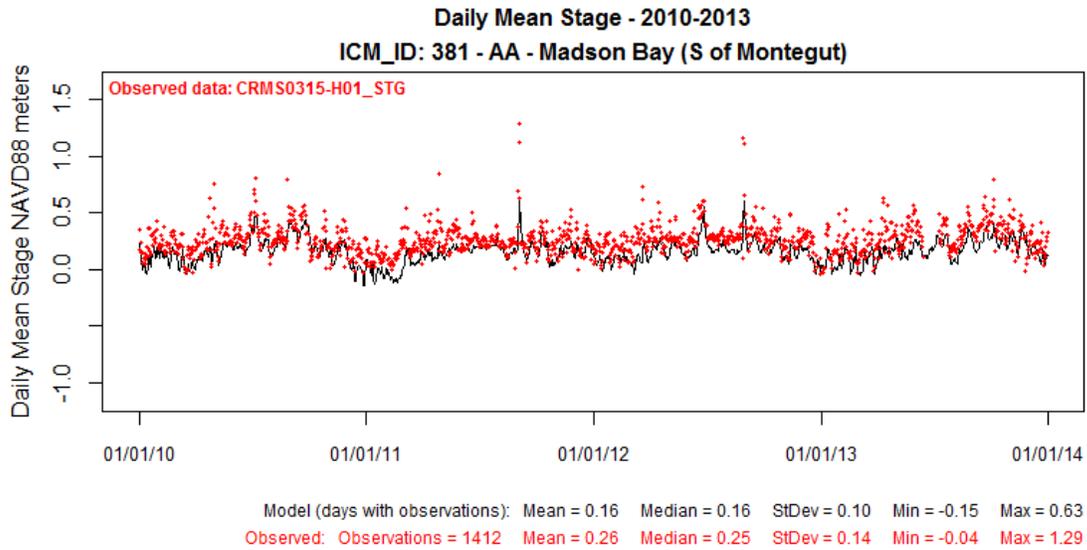


Figure 201: Modeled Stage at ICM Compartment 381 (solid black line) Compared to Observed Data at CRMS0315-H01 for Calibration Period, 2010-2013.

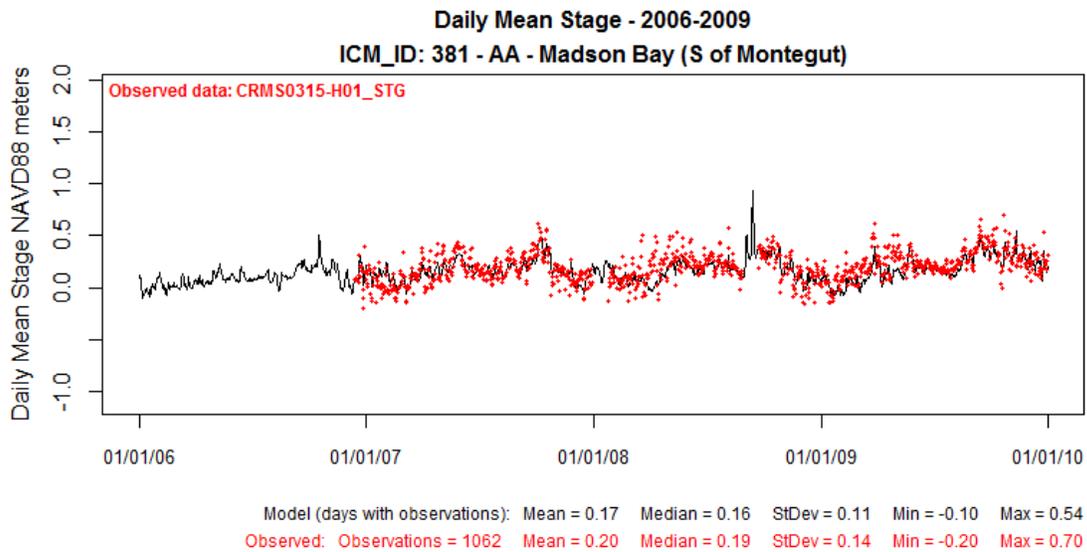


Figure 202: Modeled Stage at ICM Compartment 381 (solid black line) Compared to Observed Data at CRMS0315-H01 for Validation Period, 2006-2009.

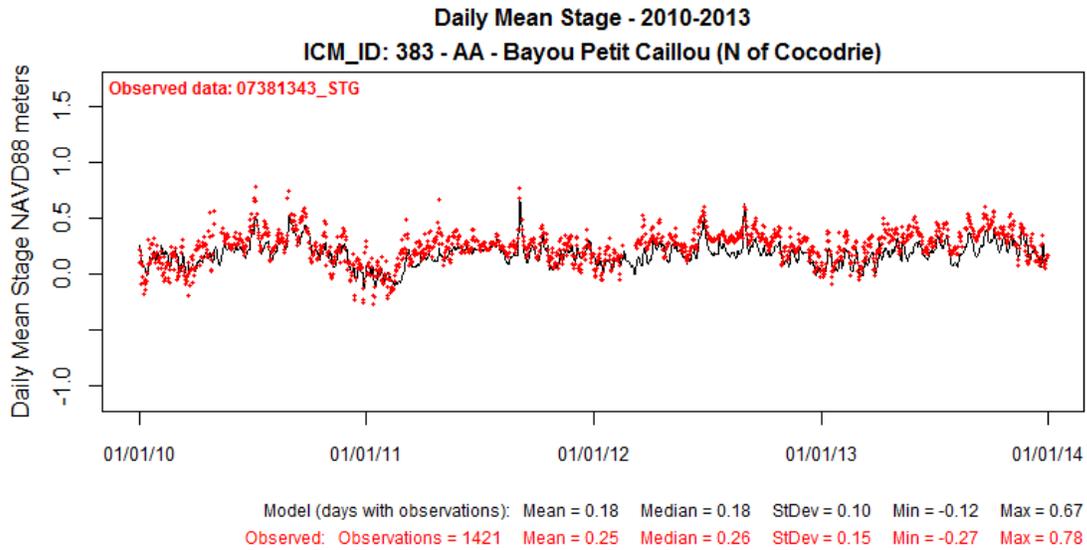


Figure 203: Modeled Stage at ICM Compartment 383 (solid black line) Compared to Observed Data at USGS07381343 for Calibration Period, 2010-2013.

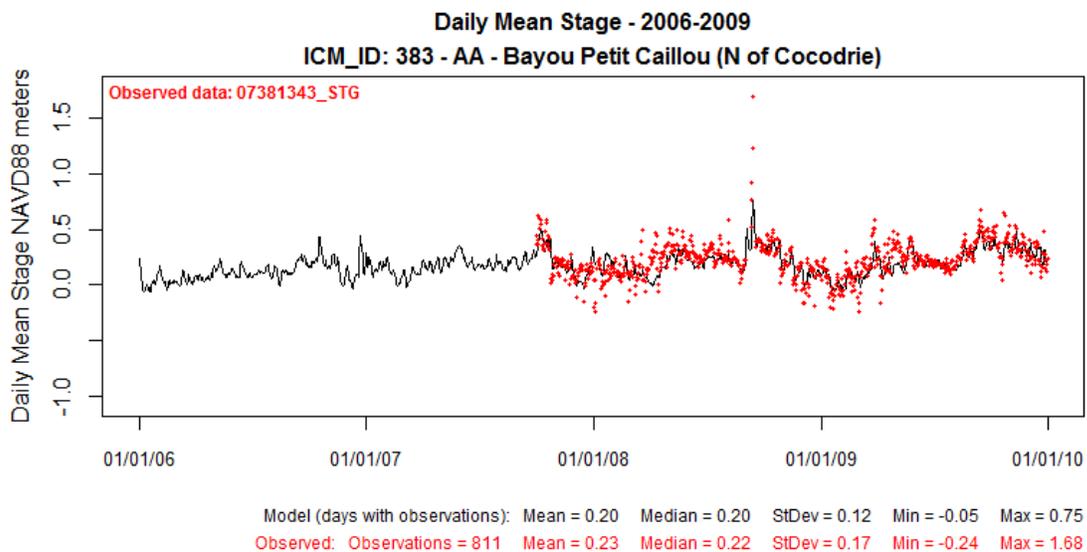


Figure 204: Modeled Stage at ICM Compartment 383 (solid black line) Compared to Observed Data at USGS07381343 for Validation Period, 2006-2009.

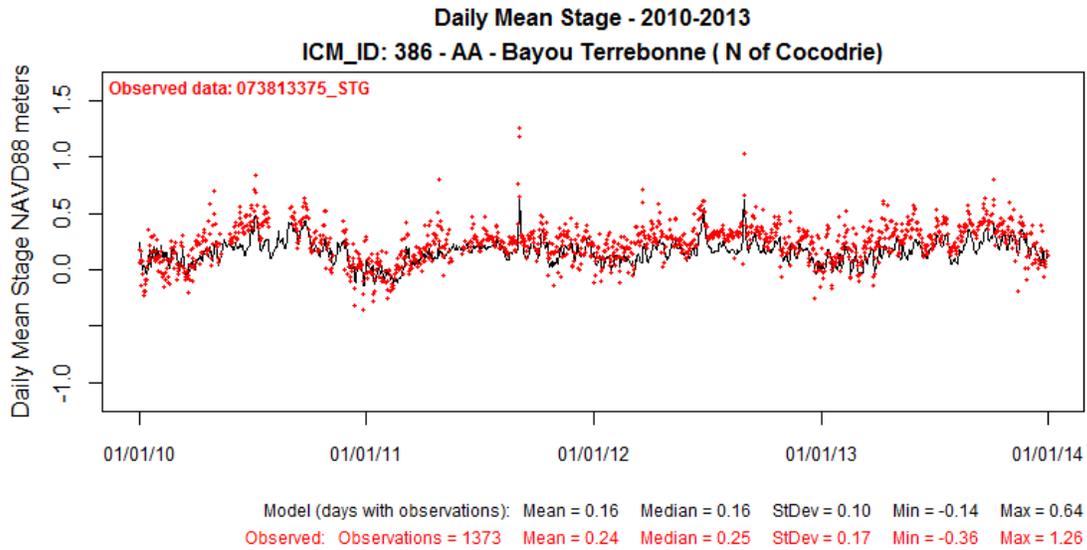


Figure 205: Modeled Stage at ICM Compartment 386 (solid black line) Compared to Observed Data at USGS073813375 for Calibration Period, 2010-2013.

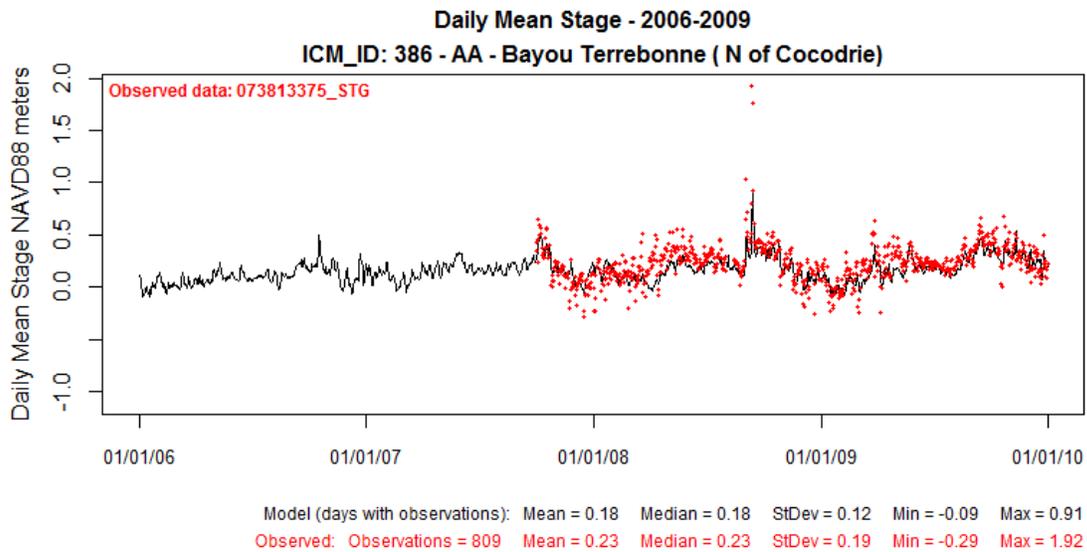


Figure 206: Modeled Stage at ICM Compartment 386 (solid black line) Compared to Observed Data at USGS073813375 for Validation Period, 2006-2009.

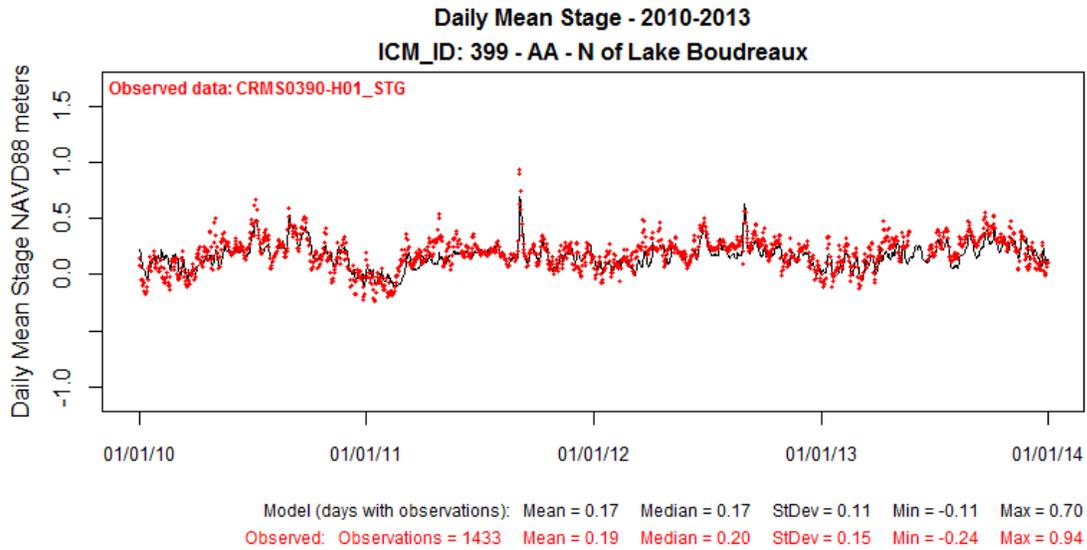


Figure 207: Modeled Stage at ICM Compartment 399 (solid black line) Compared to Observed Data at CRMS0390-H01 for Calibration Period, 2010-2013.

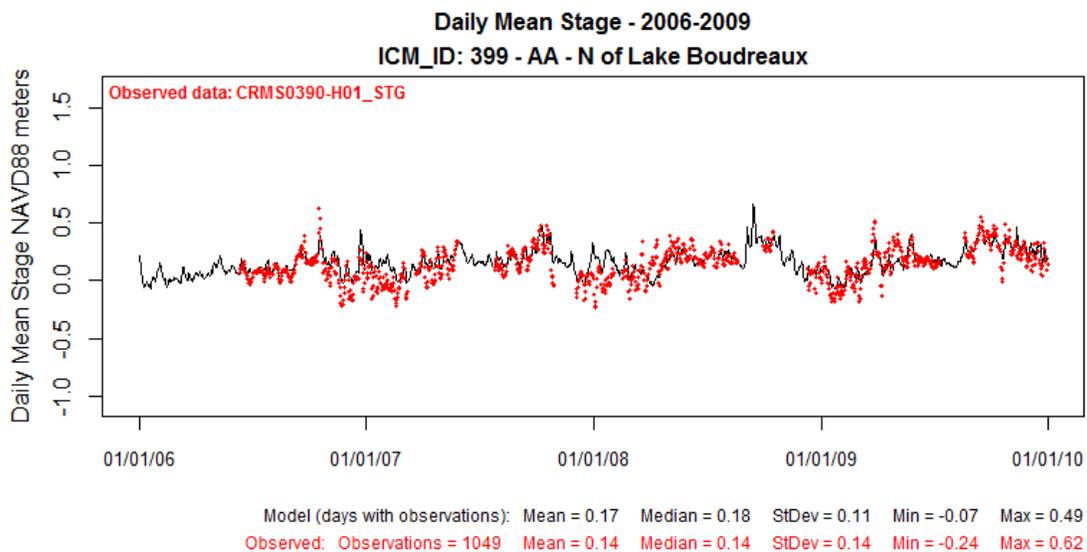


Figure 208: Modeled Stage at ICM Compartment 399 (solid black line) Compared to Observed Data at CRMS0390-H01 for Validation Period, 2006-2009.

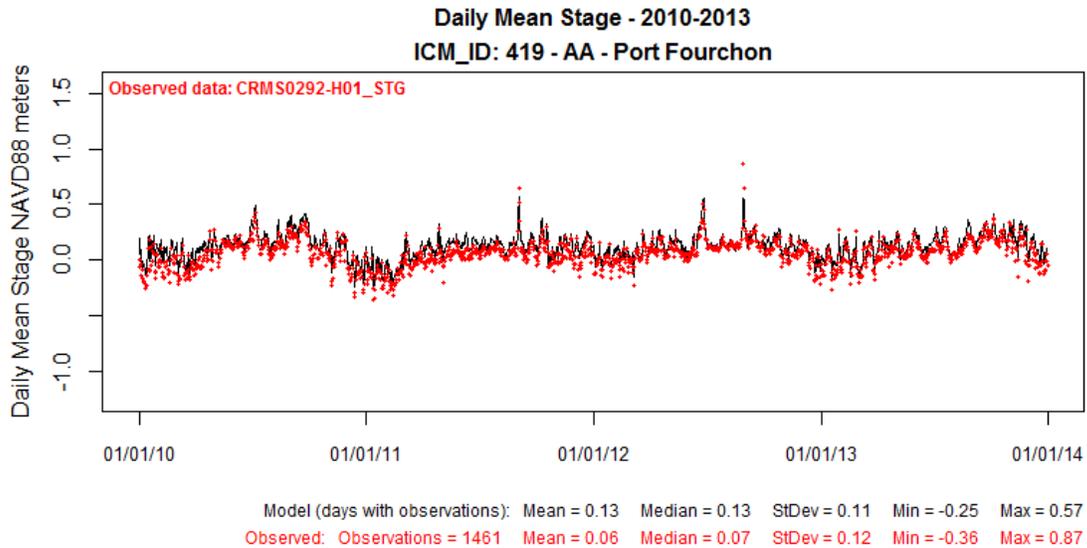


Figure 209: Modeled Stage at ICM Compartment 419 (solid black line) Compared to Observed Data at CRMS0292-H01 for Calibration Period, 2010-2013.

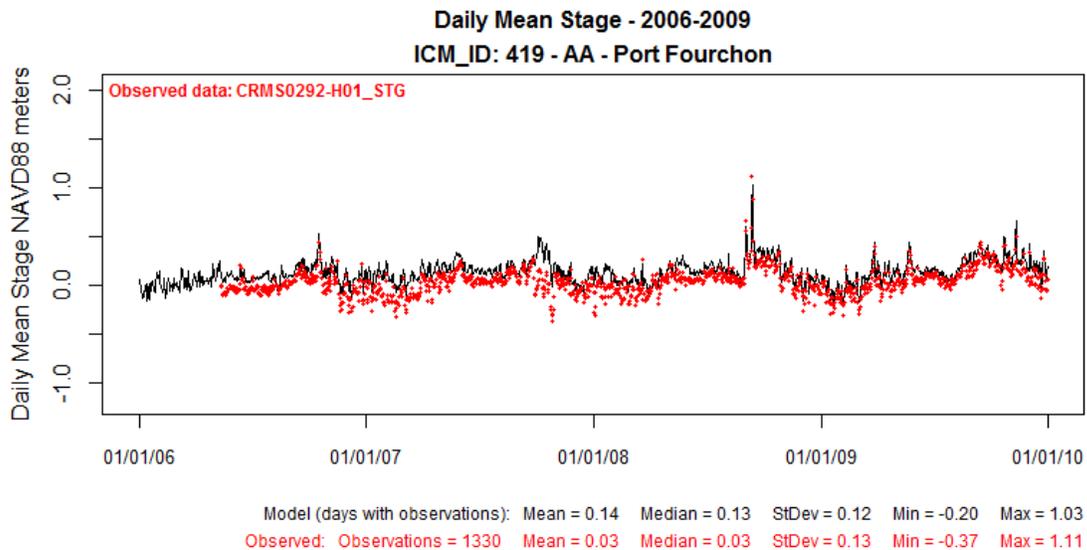


Figure 210: Modeled Stage at ICM Compartment 419 (solid black line) Compared to Observed Data at CRMS0292-H01 for Validation Period, 2006-2009.

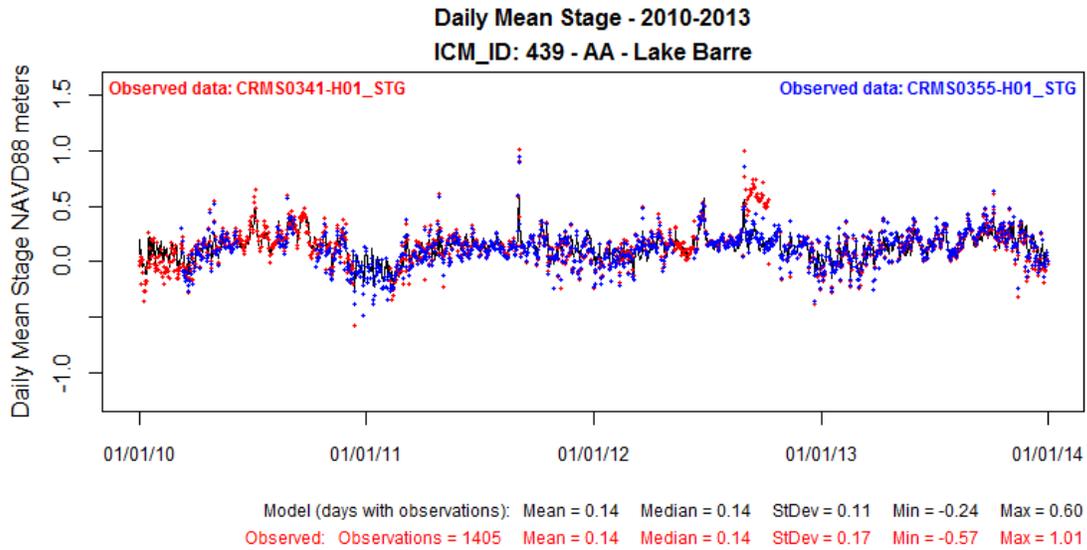


Figure 211: Modeled Stage at ICM Compartment 439 (solid black line) Compared to Observed Data at CRMS0341-H01 for Calibration Period, 2010-2013.

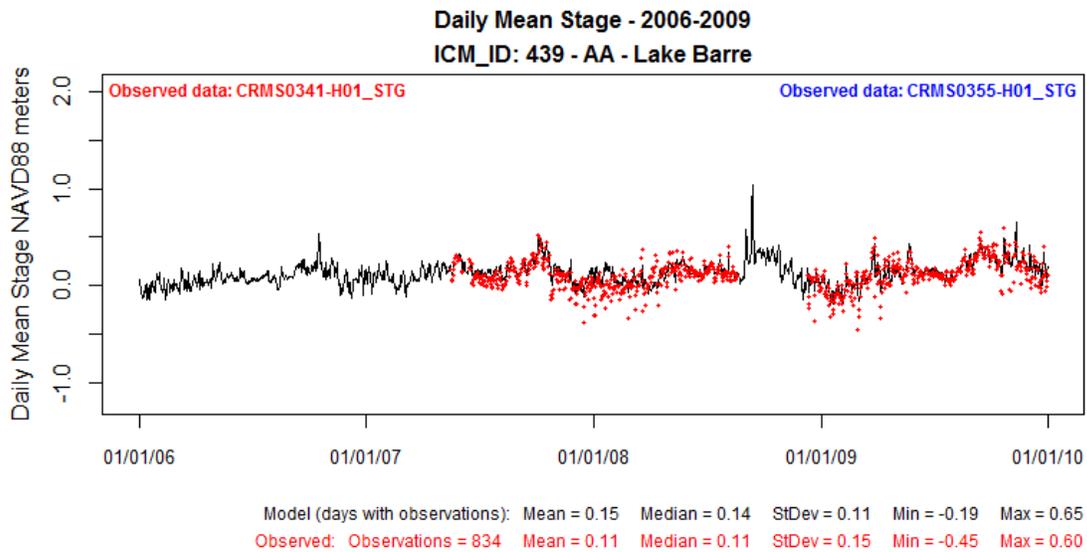


Figure 212: Modeled Stage at ICM Compartment 439 (solid black line) Compared to Observed Data at CRMS0341-H01 for Validation Period, 2006-2009.

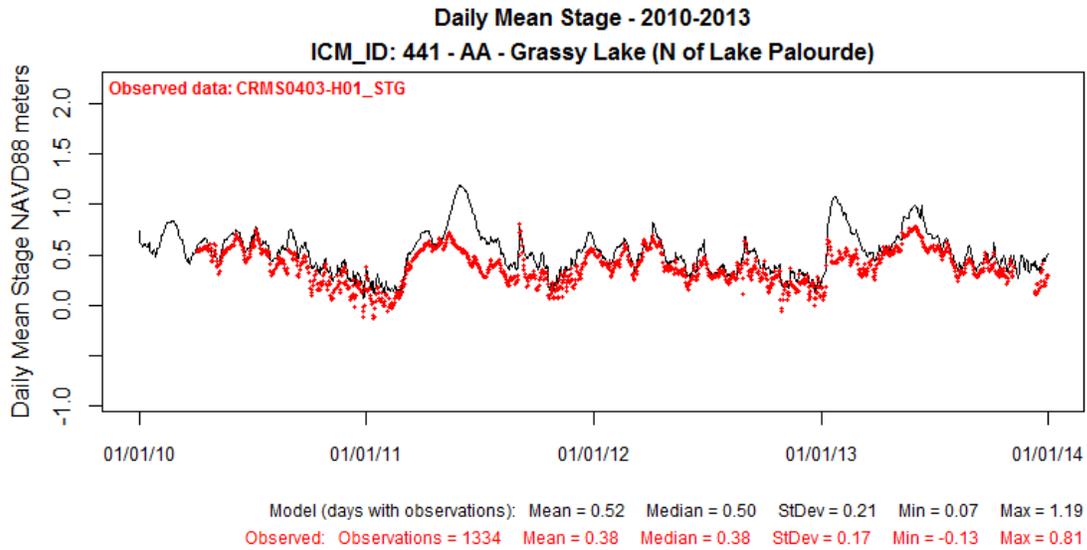


Figure 213: Modeled Stage at ICM Compartment 441 (solid black line) Compared to Observed Data at CRMS0403-H01 for Calibration Period, 2010-2013.

Figure 214: No Validation figure for ICM Compartment 441.

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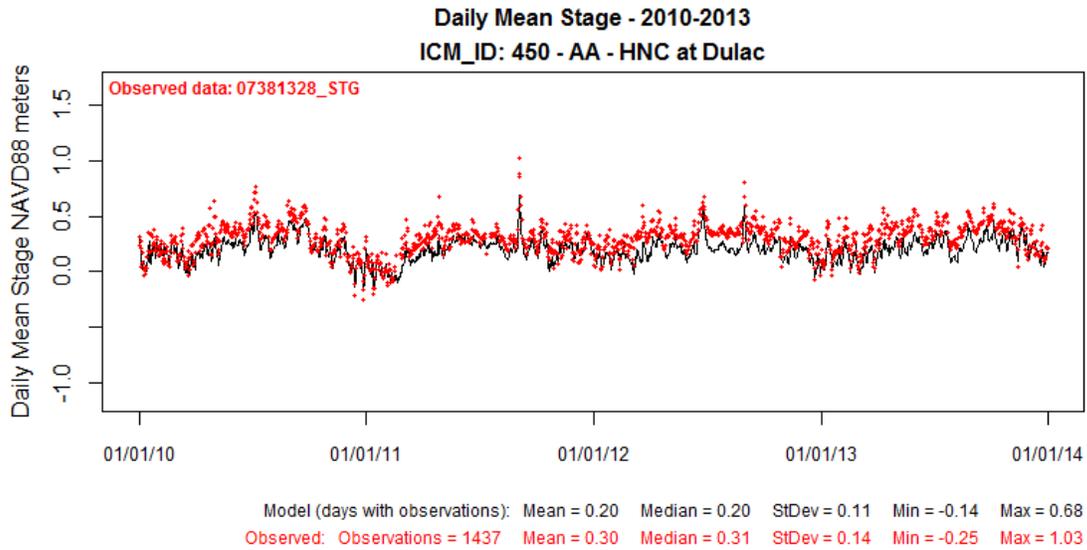


Figure 215: Modeled Stage at ICM Compartment 450 (solid black line) Compared to Observed Data at USGS07381328 for Calibration Period, 2010-2013.

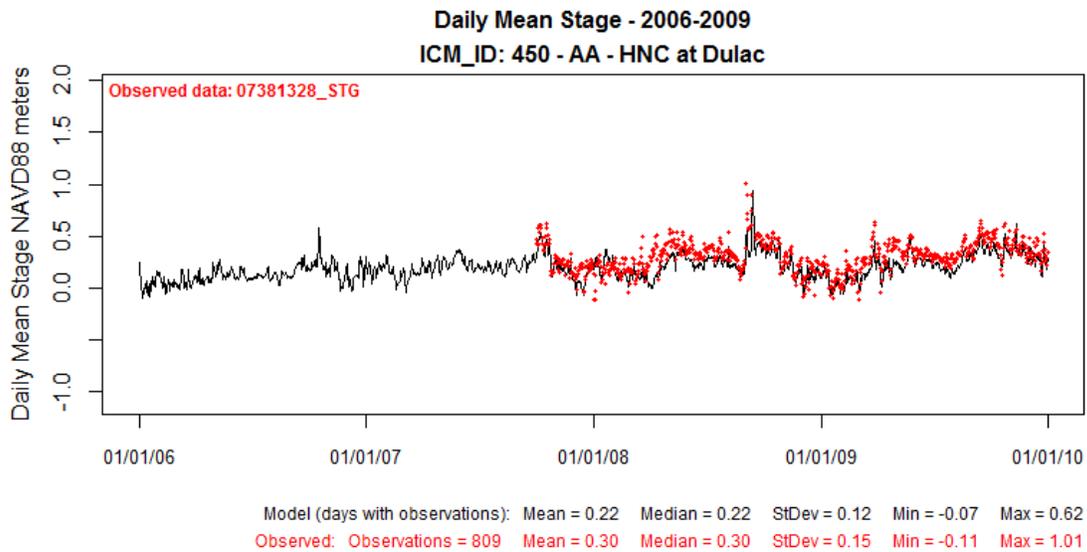


Figure 216: Modeled Stage at ICM Compartment 450 (solid black line) Compared to Observed Data at USGS07381328 for Validation Period, 2006-2009.

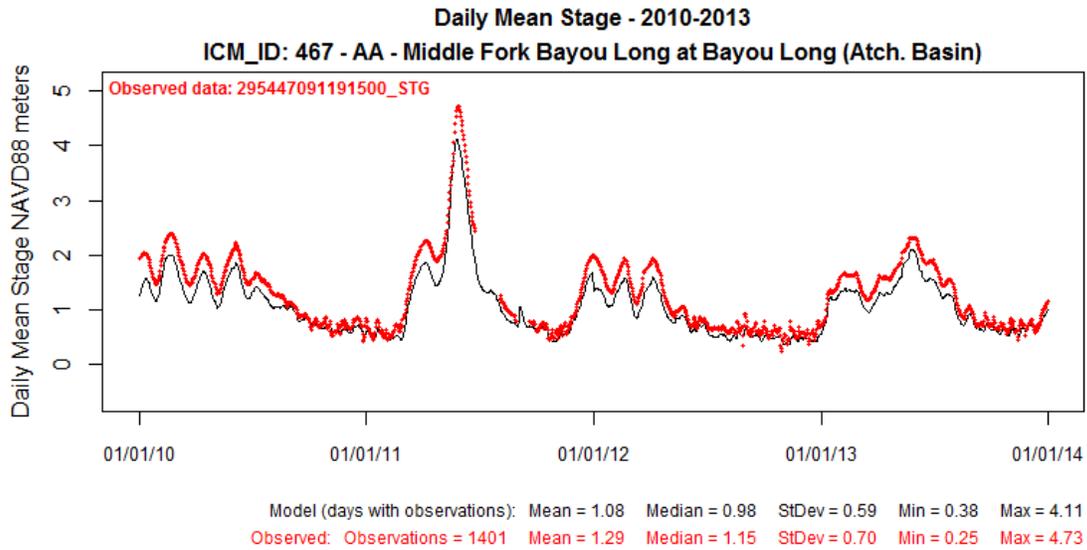


Figure 217: Modeled Stage at ICM Compartment 467 (solid black line) Compared to Observed Data at USGS295447091191500 for Calibration Period, 2010-2013.

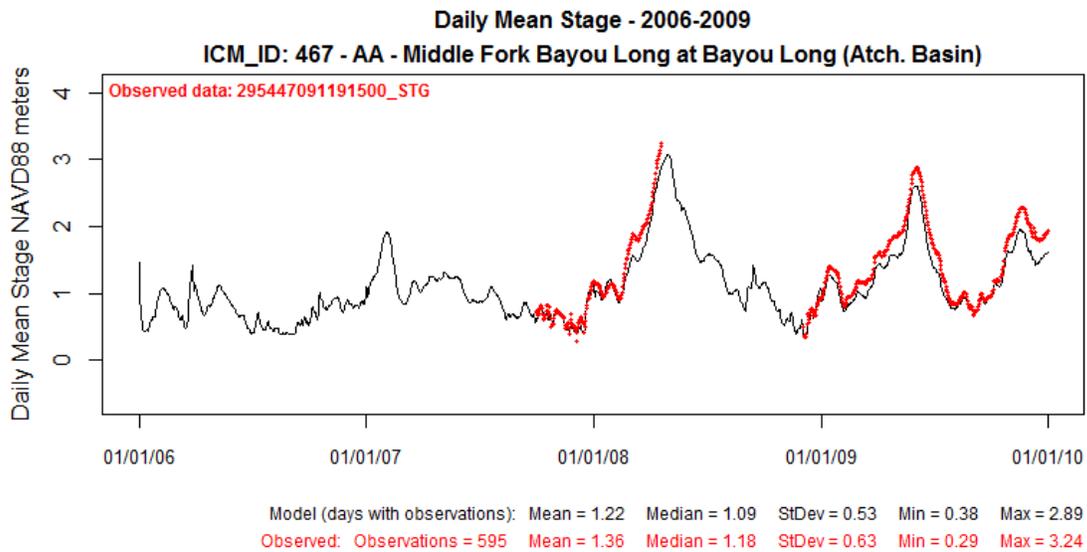


Figure 218: Modeled Stage at ICM Compartment 467 (solid black line) Compared to Observed Data at USGS295447091191500 for Validation Period, 2006-2009.

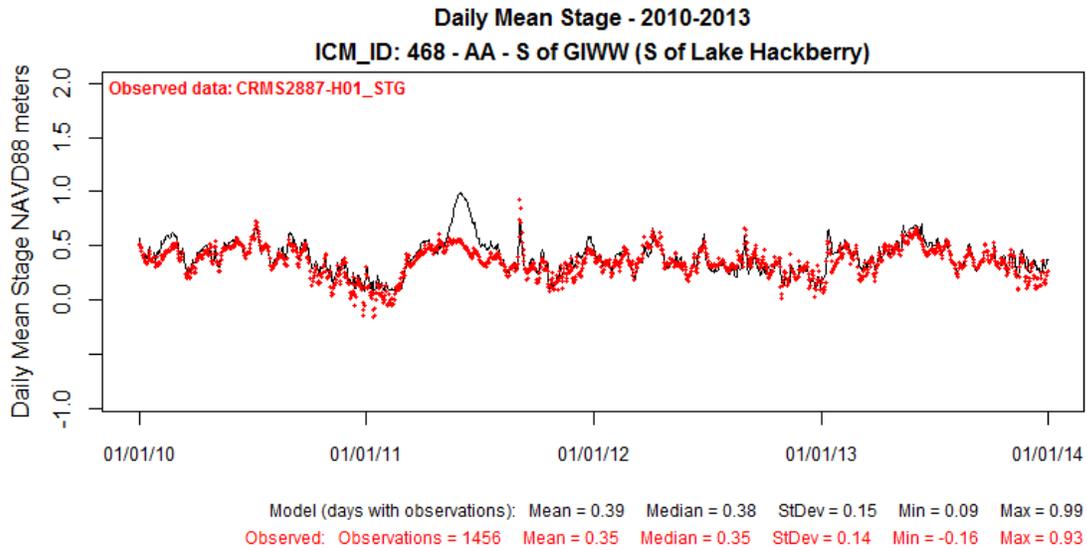


Figure 219: Modeled Stage at ICM Compartment 468 (solid black line) Compared to Observed Data at CRMS2887-H01 for Calibration Period, 2010-2013.

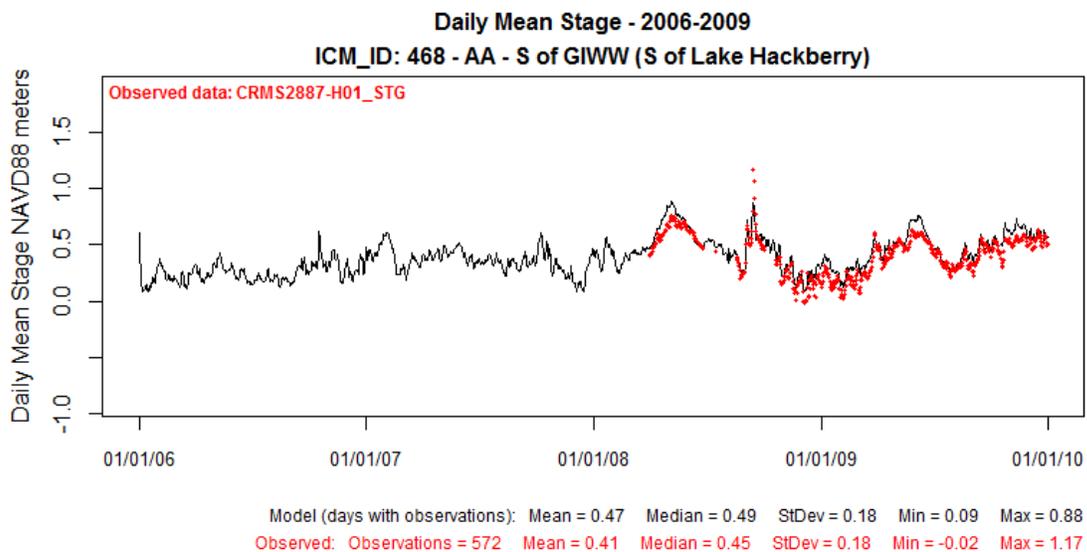


Figure 220: Modeled Stage at ICM Compartment 468 (solid black line) Compared to Observed Data at CRMS2887-H01 for Validation Period, 2006-2009.

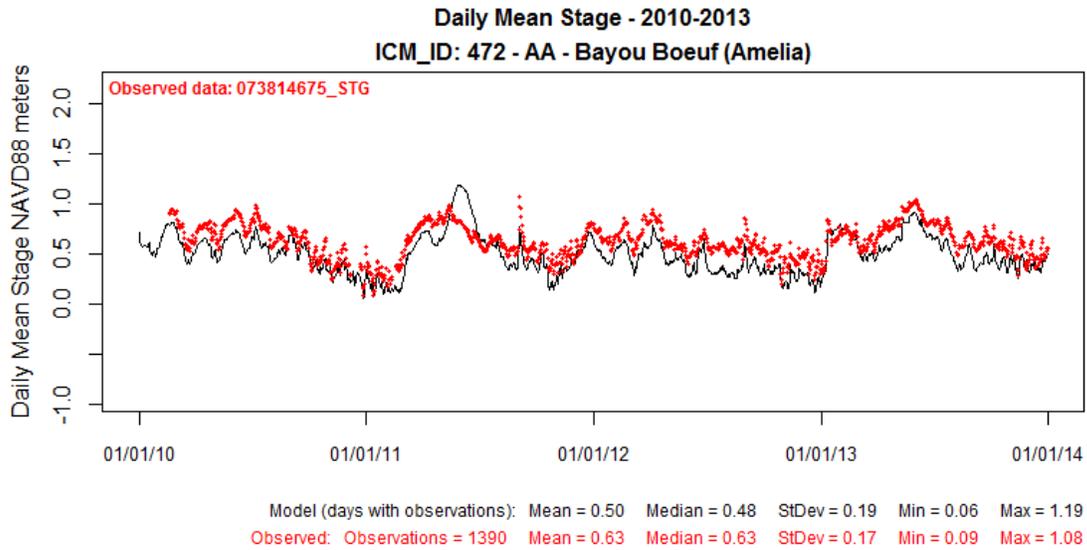


Figure 221: Modeled Stage at ICM Compartment 472 (solid black line) Compared to Observed Data at USGS073814675 for Calibration Period, 2010-2013.

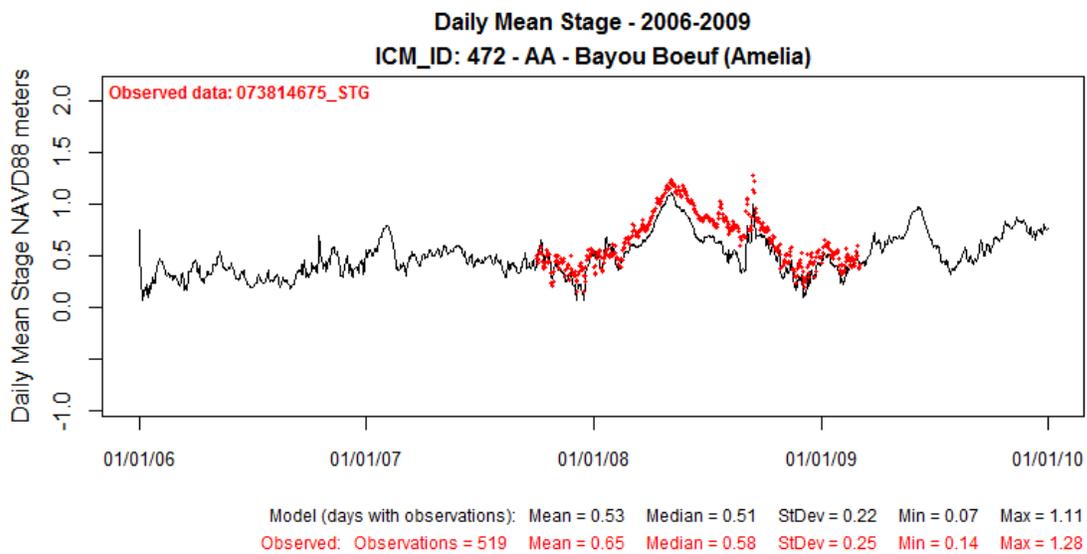


Figure 222: Modeled Stage at ICM Compartment 472 (solid black line) Compared to Observed Data at USGS073814675 for Validation Period, 2006-2009.

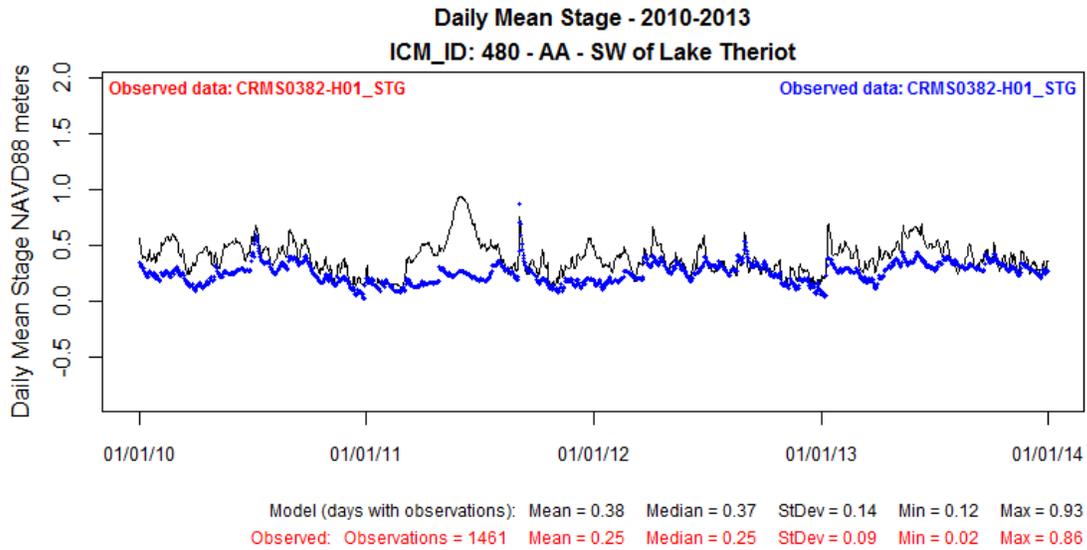


Figure 223: Modeled Stage at ICM Compartment 480 (solid black line) Compared to Observed Data at CRMS0382-H01 for Calibration Period, 2010-2013.

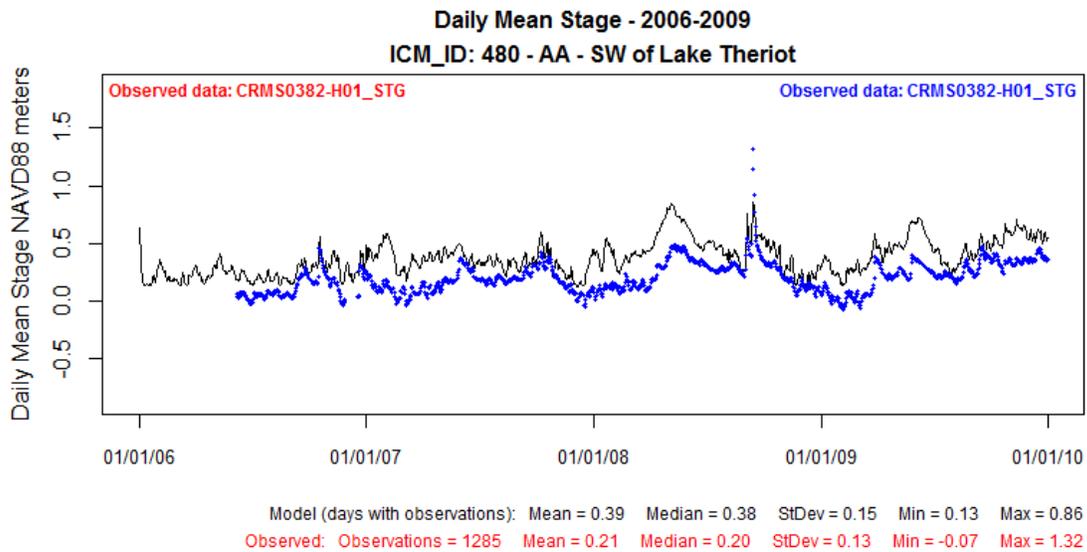


Figure 224: Modeled Stage at ICM Compartment 480 (solid black line) Compared to Observed Data at CRMS0382-H01 for Validation Period, 2006-2009.

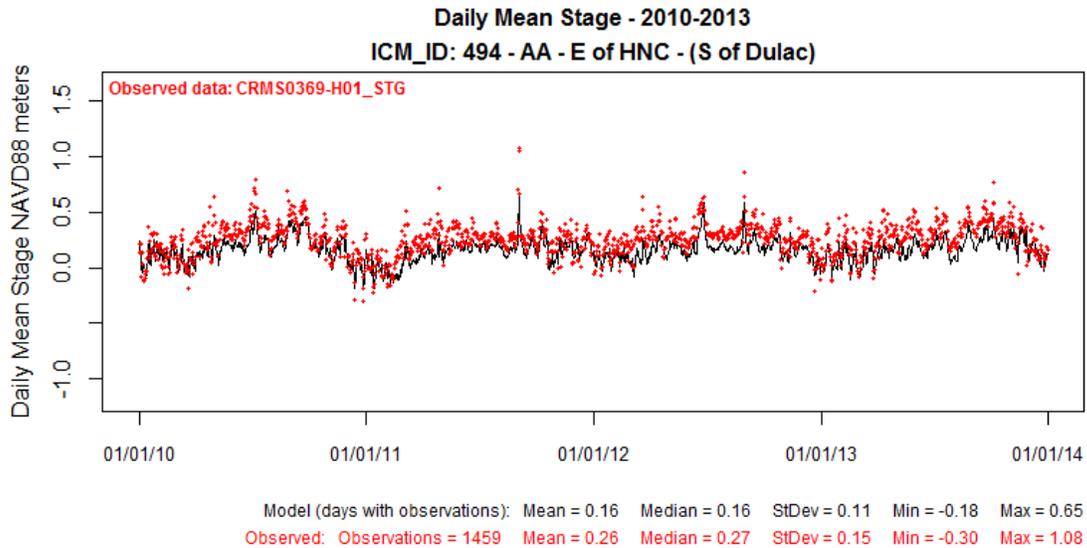


Figure 225: Modeled Stage at ICM Compartment 494 (solid black line) Compared to Observed Data at CRMS0369-H01 for Calibration Period, 2010-2013.

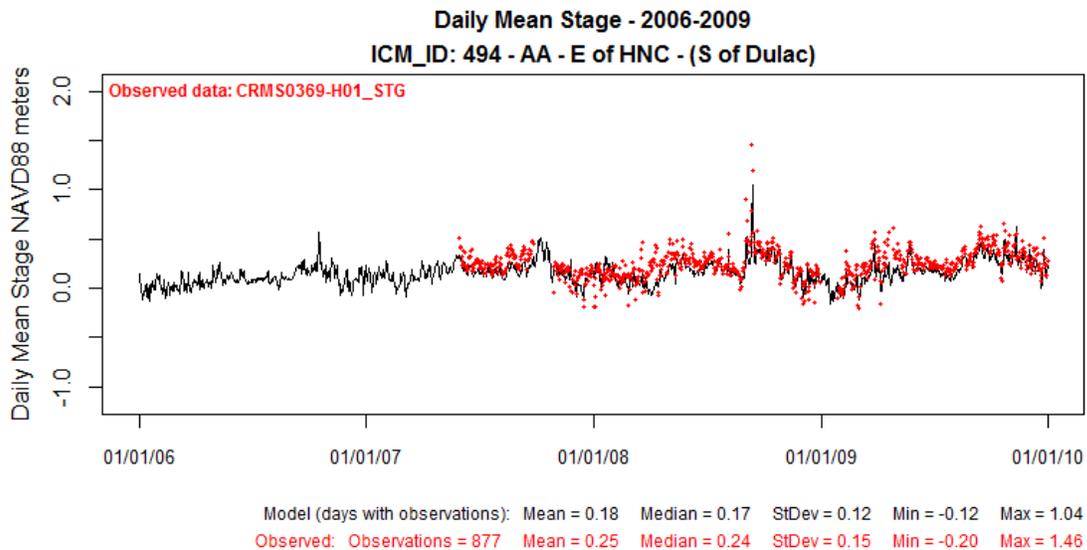


Figure 226: Modeled Stage at ICM Compartment 494 (solid black line) Compared to Observed Data at CRMS0369-H01 for Validation Period, 2006-2009.

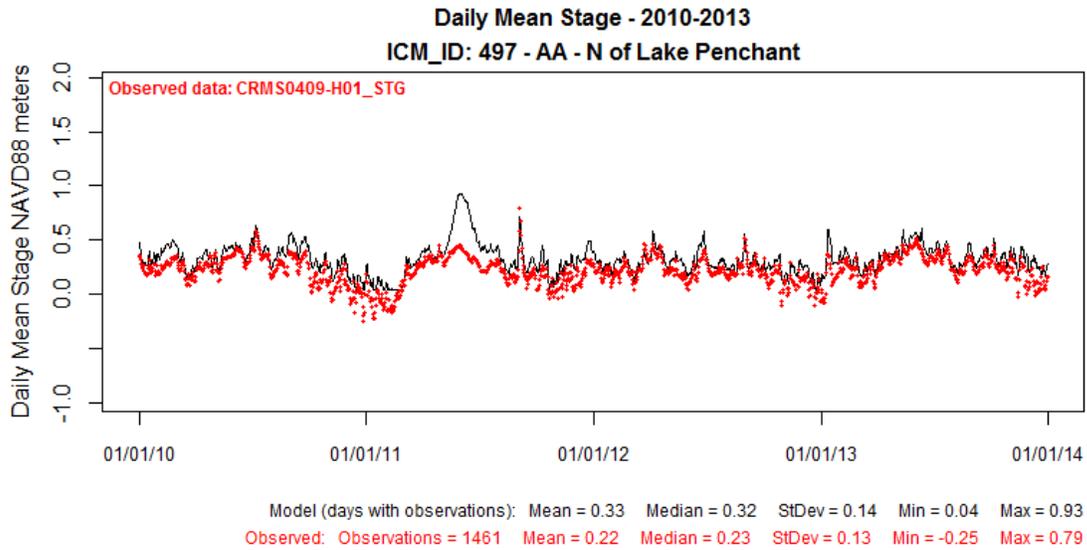


Figure 227: Modeled Stage at ICM Compartment 497 (solid black line) Compared to Observed Data at CRMS0409-H01 for Calibration Period, 2010-2013.

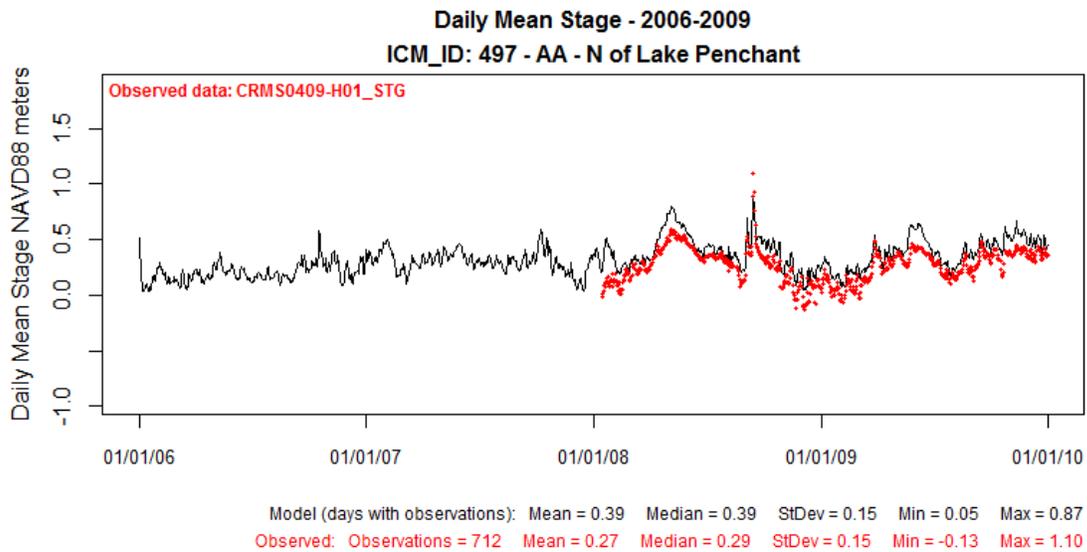


Figure 228: Modeled Stage at ICM Compartment 497 (solid black line) Compared to Observed Data at CRMS0409-H01 for Validation Period, 2006-2009.

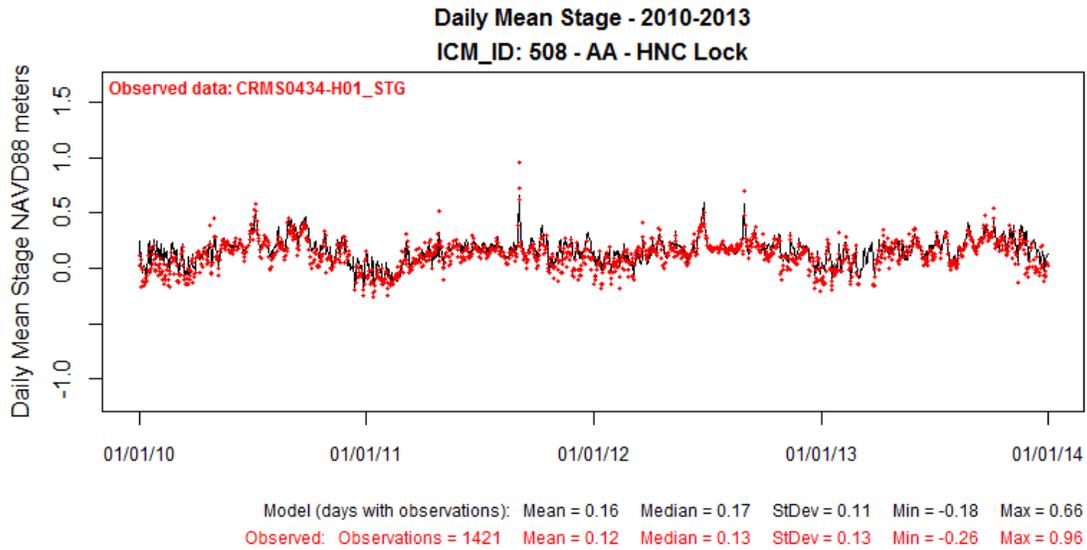


Figure 229: Modeled Stage at ICM Compartment 508 (solid black line) Compared to Observed Data at CRMS0434-H01 for Calibration Period, 2010-2013.

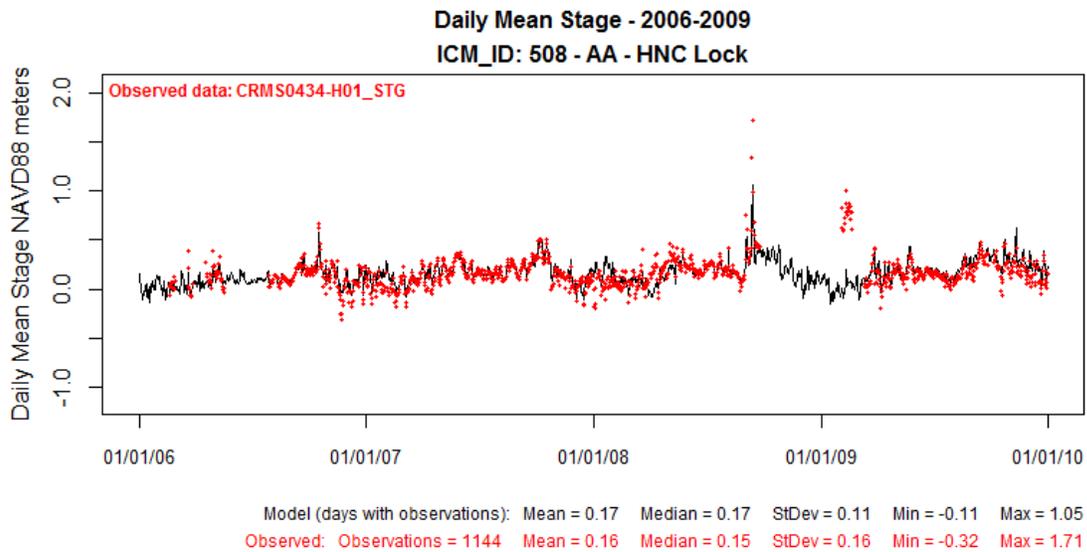


Figure 230: Modeled Stage at ICM Compartment 508 (solid black line) Compared to Observed Data at CRMS0434-H01 for Validation Period, 2006-2009.

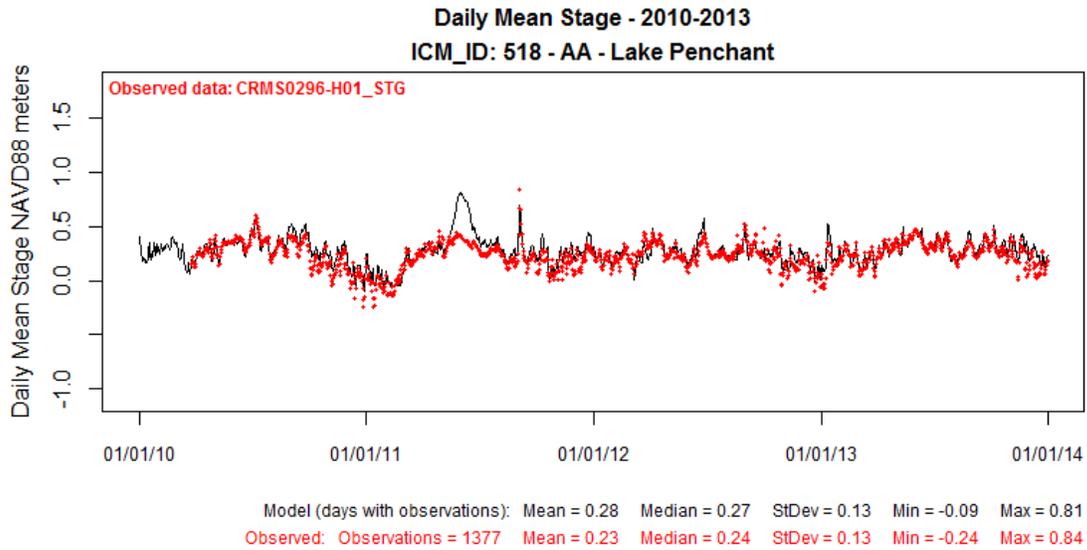


Figure 231: Modeled Stage at ICM Compartment 518 (solid black line) Compared to Observed Data at CRMS0296-H01 for Calibration Period, 2010-2013.

Figure 232: No Validation figure for ICM Compartment 518.

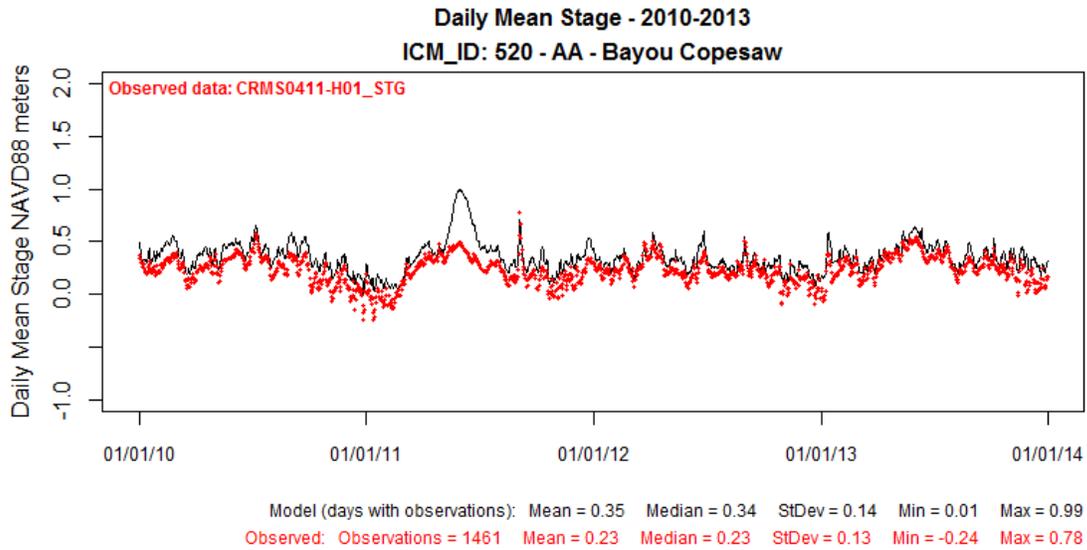


Figure 233: Modeled Stage at ICM Compartment 520 (solid black line) Compared to Observed Data at CRMS0411-H01 for Calibration Period, 2010-2013.

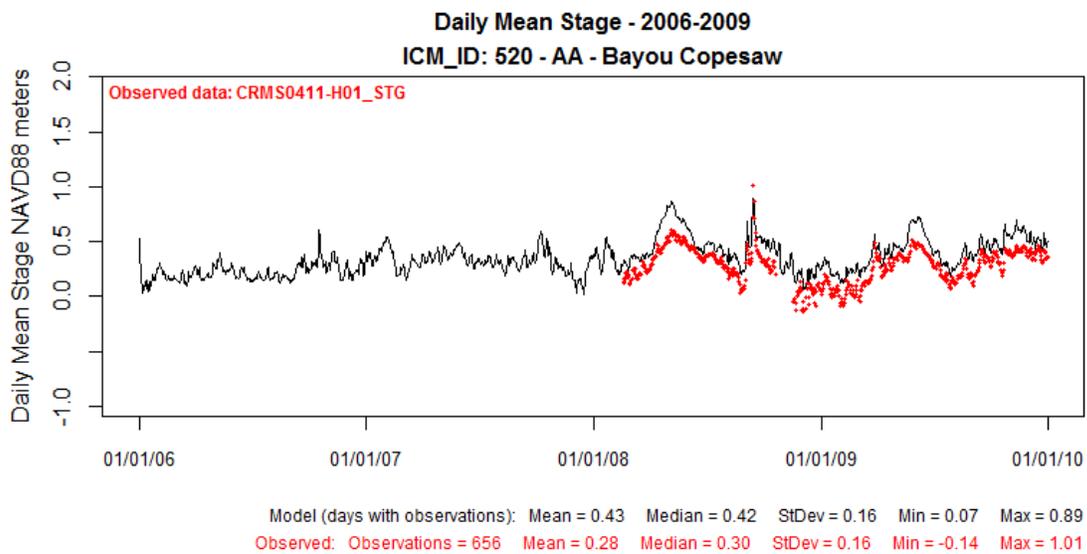


Figure 234: Modeled Stage at ICM Compartment 520 (solid black line) Compared to Observed Data at CRMS0411-H01 for Validation Period, 2006-2009.

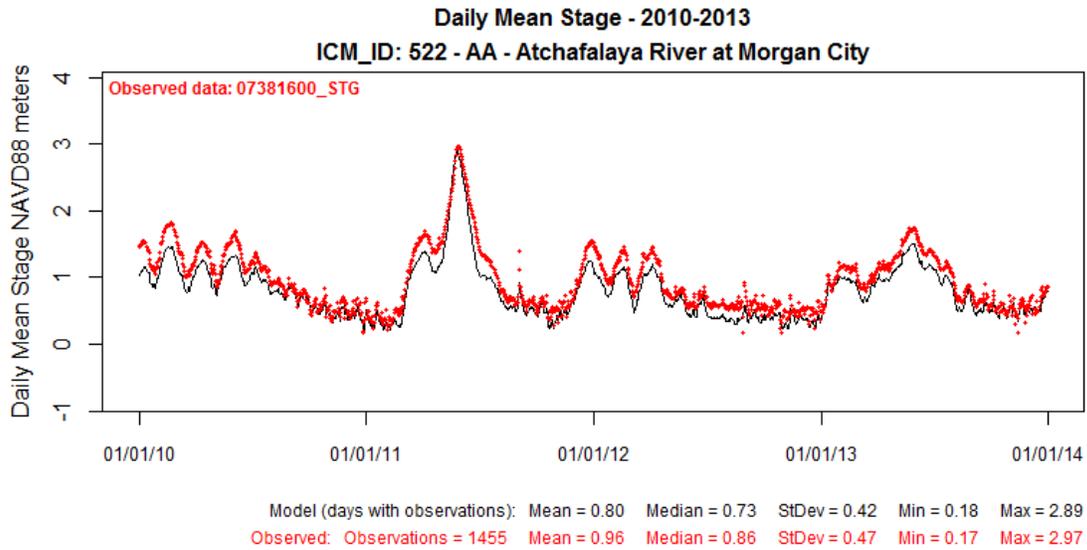


Figure 235: Modeled Stage at ICM Compartment 522 (solid black line) Compared to Observed Data at USGS07381600 for Calibration Period, 2010-2013.

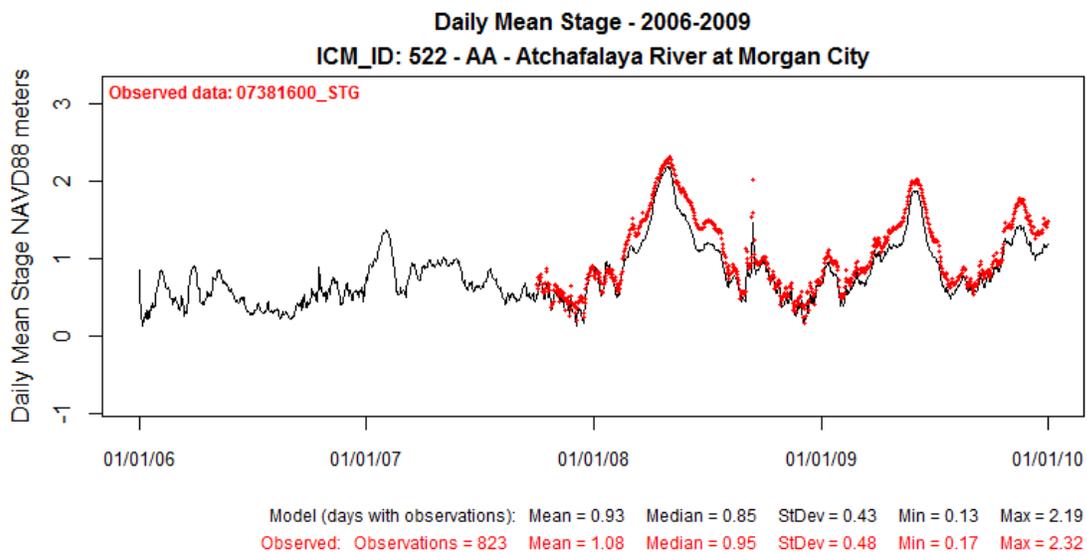


Figure 236: Modeled Stage at ICM Compartment 522 (solid black line) Compared to Observed Data at USGS07381600 for Validation Period, 2006-2009.

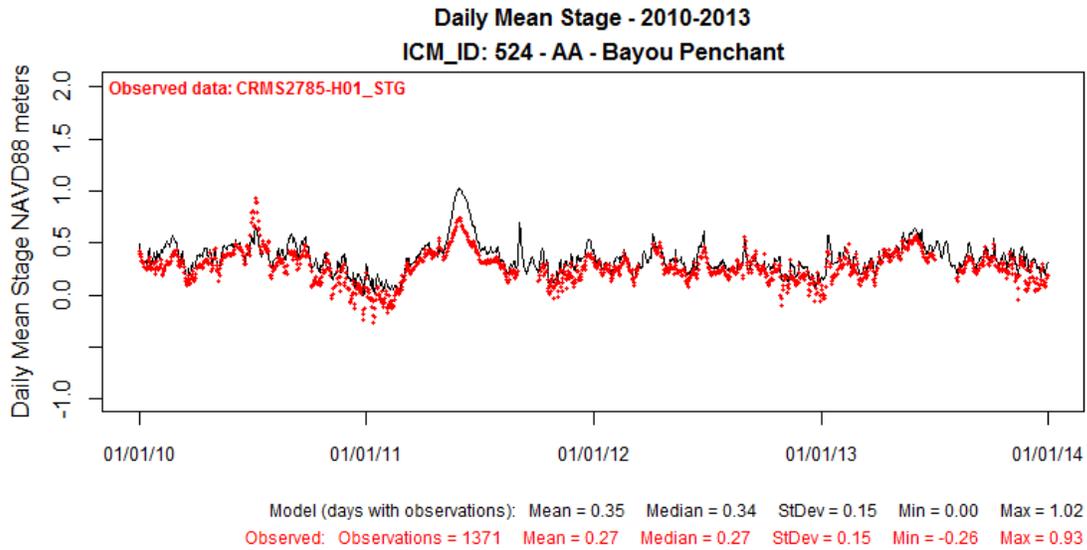


Figure 237: Modeled Stage at ICM Compartment 524 (solid black line) Compared to Observed Data at CRMS2785-H01 for Calibration Period, 2010-2013.

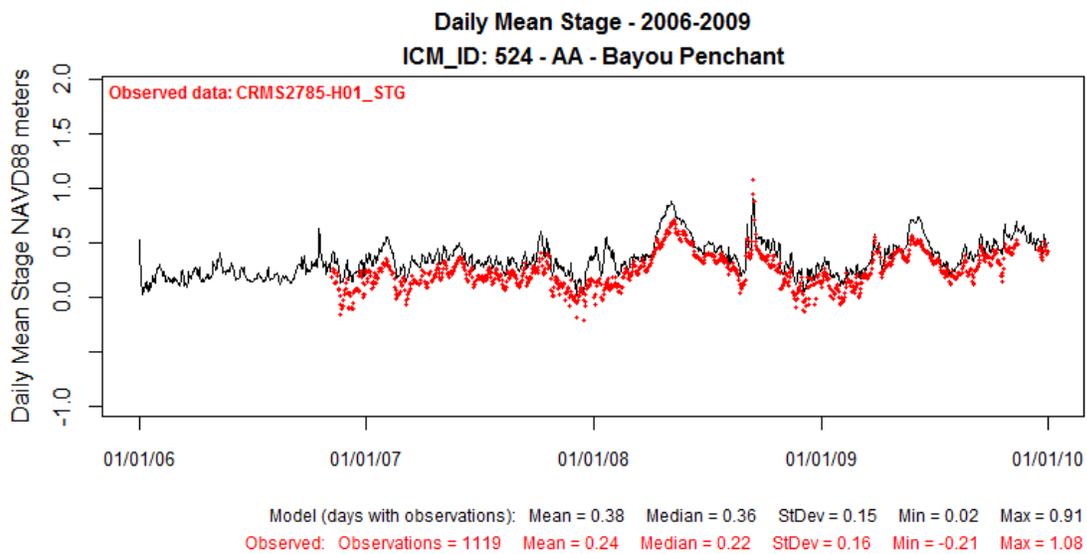


Figure 238: Modeled Stage at ICM Compartment 524 (solid black line) Compared to Observed Data at CRMS2785-H01 for Validation Period, 2006-2009.

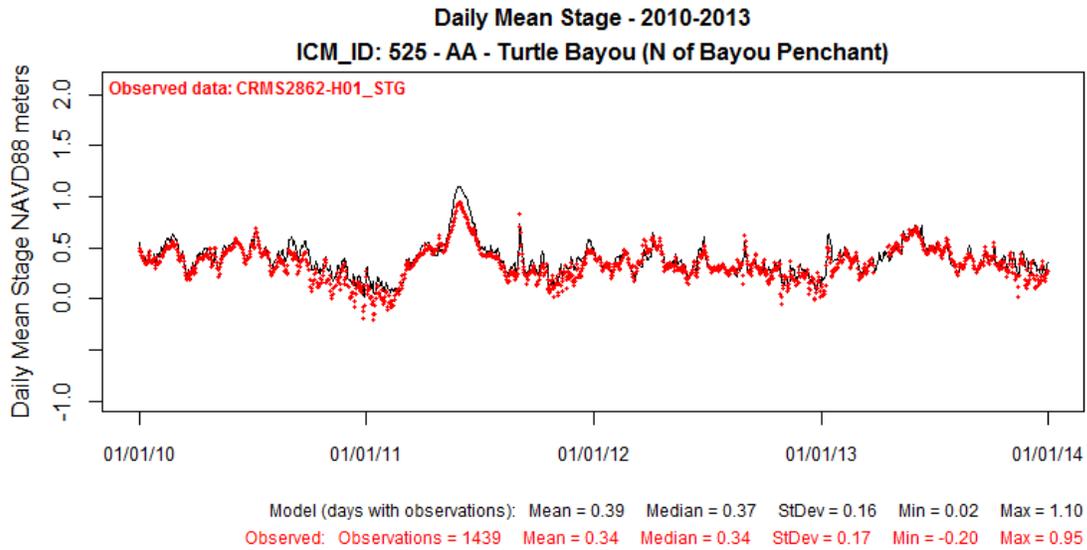


Figure 239: Modeled Stage at ICM Compartment 525 (solid black line) Compared to Observed Data at CRMS2862-H01 for Calibration Period, 2010-2013.

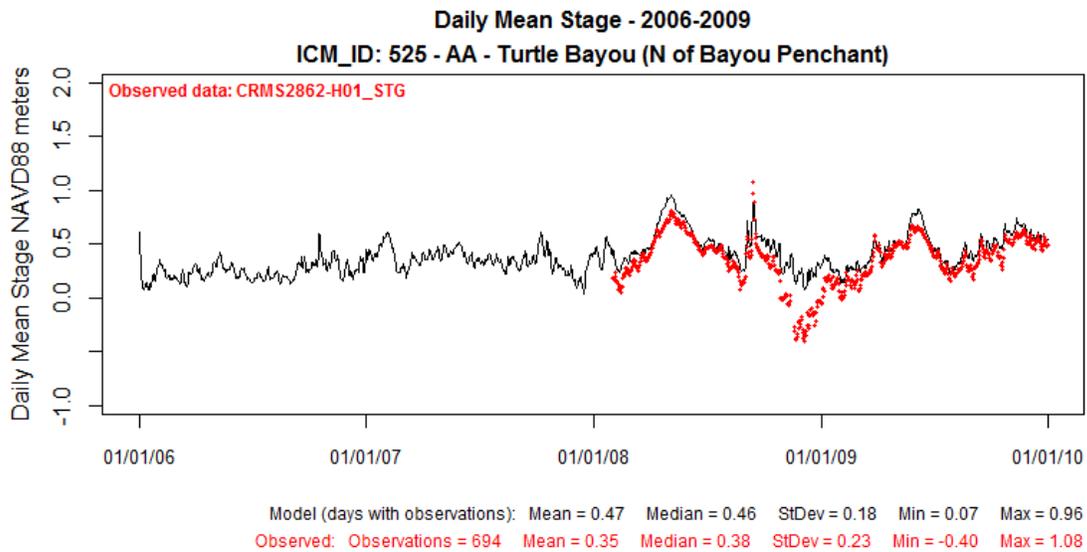


Figure 240: Modeled Stage at ICM Compartment 525 (solid black line) Compared to Observed Data at CRMS2862-H01 for Validation Period, 2006-2009.

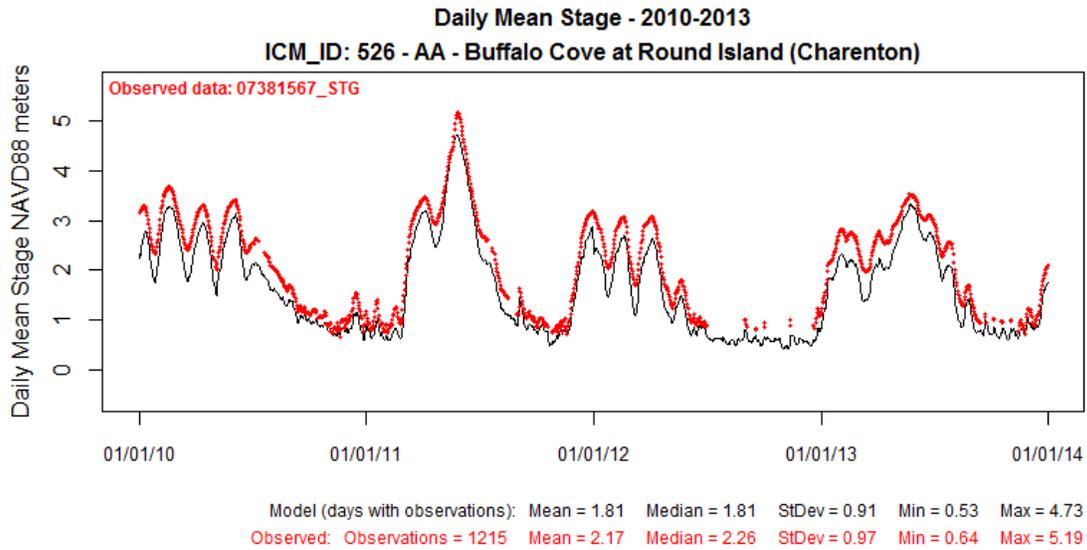


Figure 241: Modeled Stage at ICM Compartment 526 (solid black line) Compared to Observed Data at USGS07381567 for Calibration Period, 2010-2013.

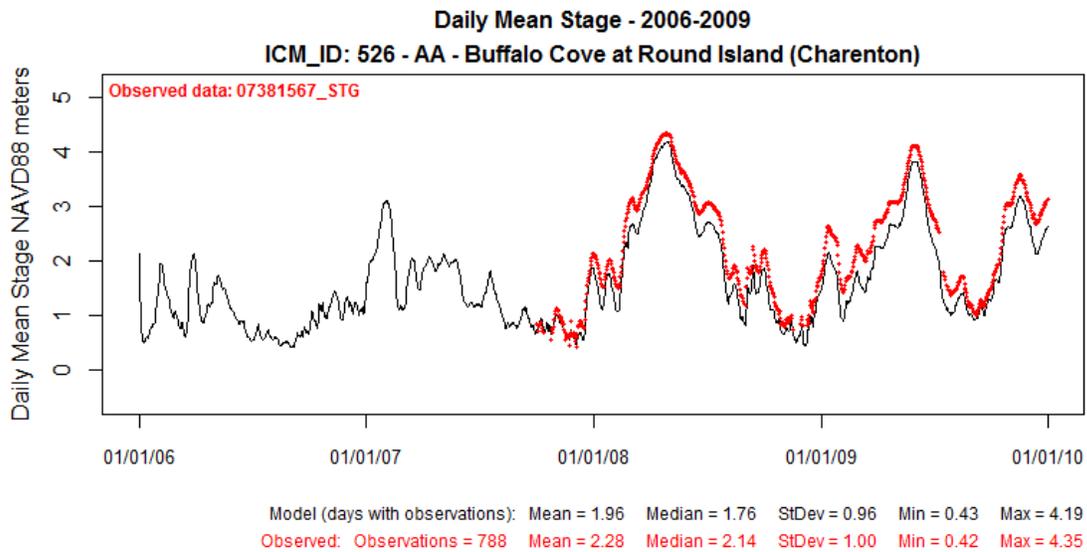


Figure 242: Modeled Stage at ICM Compartment 526 (solid black line) Compared to Observed Data at USGS07381567 for Validation Period, 2006-2009.

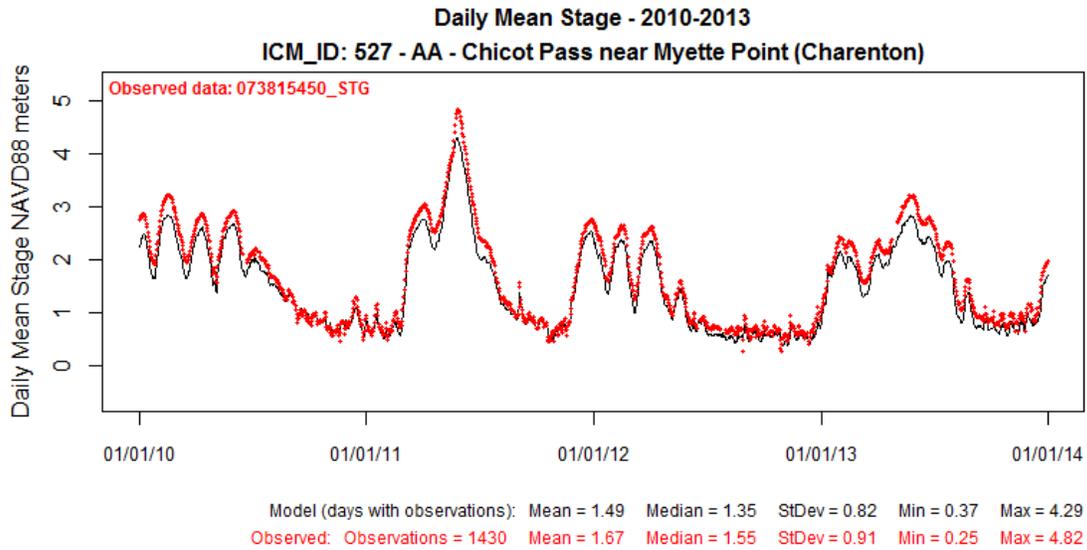


Figure 243: Modeled Stage at ICM Compartment 527 (solid black line) Compared to Observed Data at USGS073815450 for Calibration Period, 2010-2013.

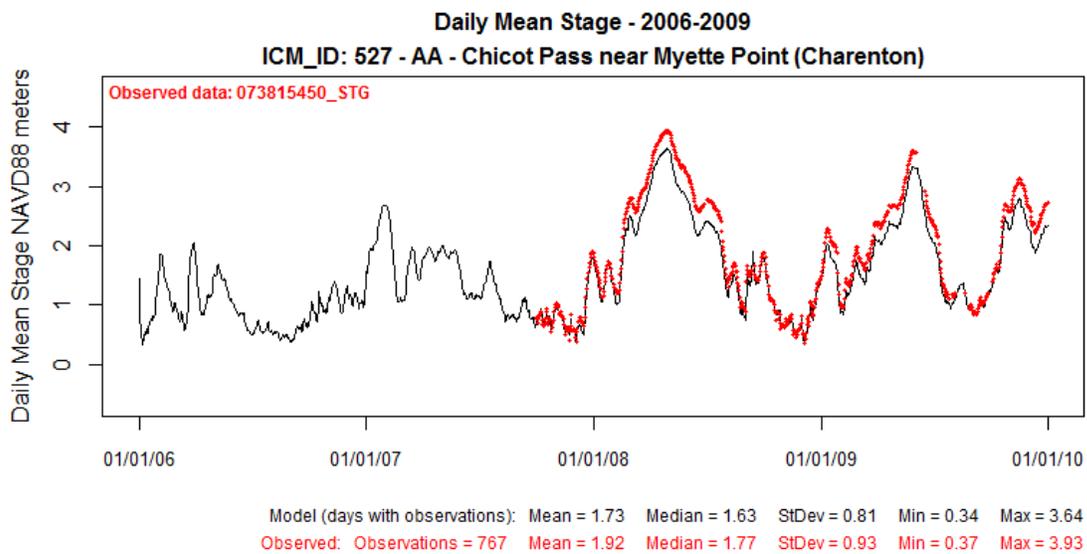


Figure 244: Modeled Stage at ICM Compartment 527 (solid black line) Compared to Observed Data at USGS073815450 for Validation Period, 2006-2009.

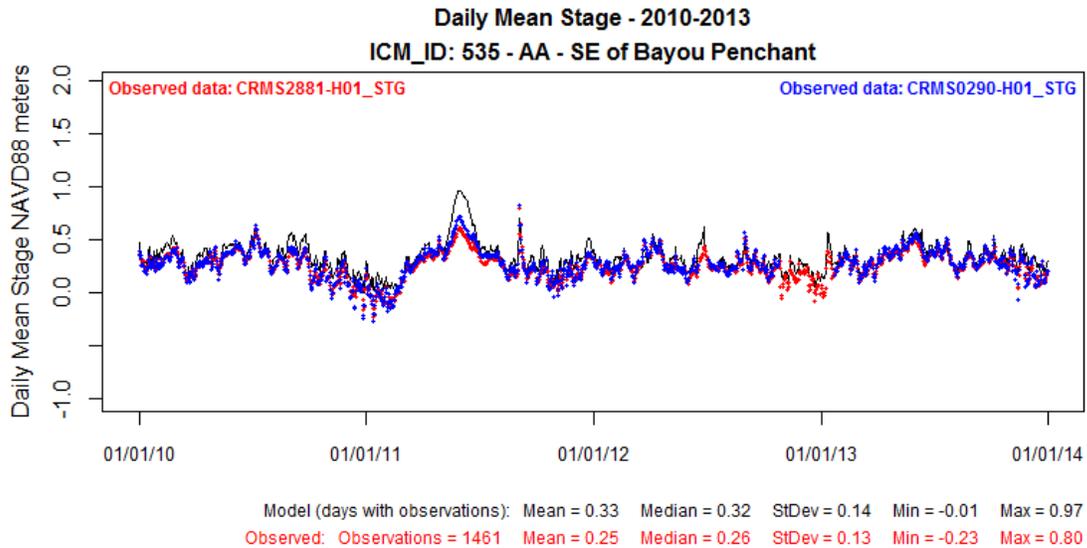


Figure 245: Modeled Stage at ICM Compartment 535 (solid black line) Compared to Observed Data at CRMS2881-H01 for Calibration Period, 2010-2013.

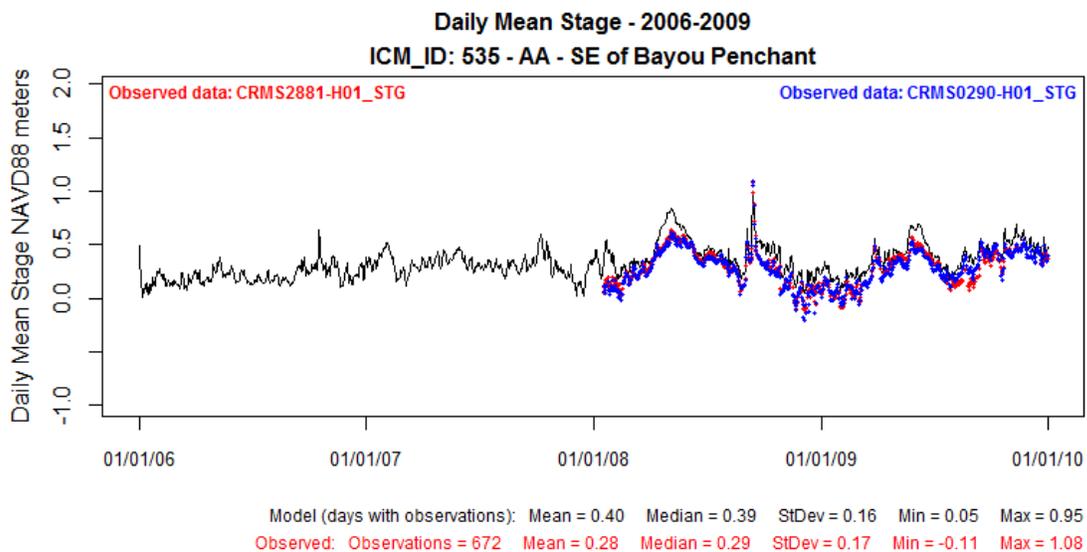


Figure 246: Modeled Stage at ICM Compartment 535 (solid black line) Compared to Observed Data at CRMS2881-H01 for Validation Period, 2006-2009.

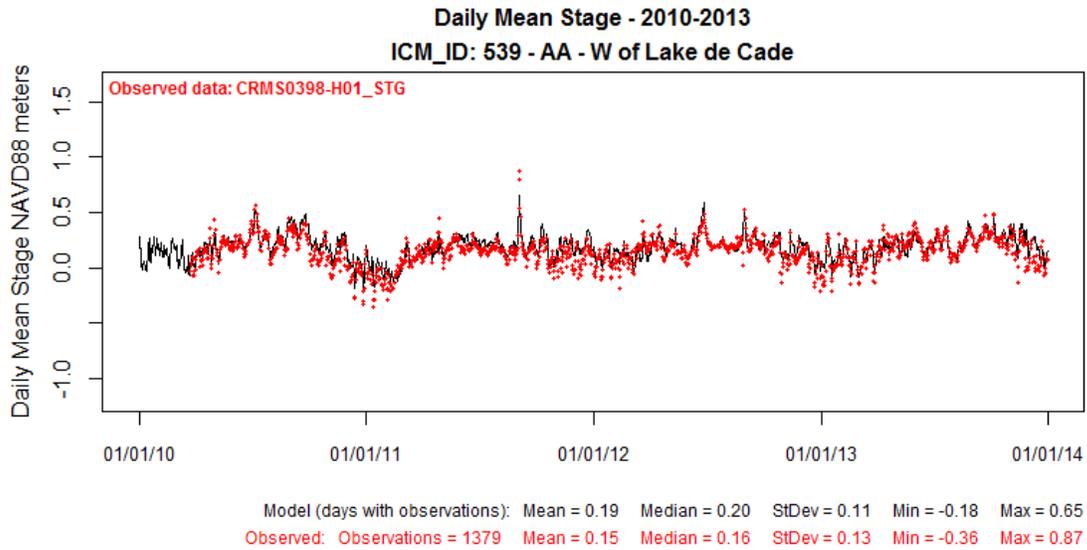


Figure 247: Modeled Stage at ICM Compartment 539 (solid black line) Compared to Observed Data at CRMS0398-H01 for Calibration Period, 2010-2013.

Figure 248: No Validation figure for ICM Compartment 539.

DRAFT

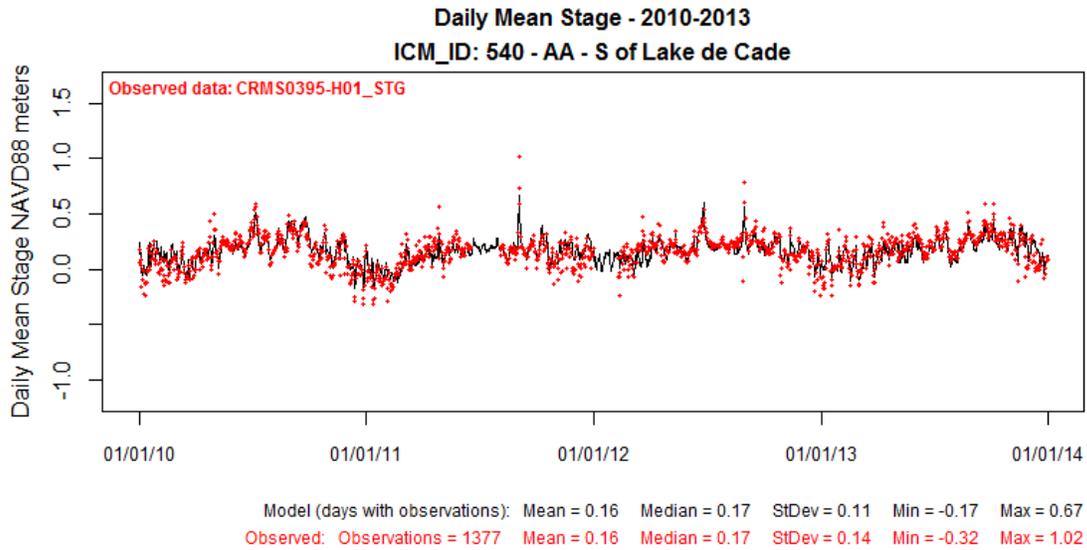


Figure 249: Modeled Stage at ICM Compartment 540 (solid black line) Compared to Observed Data at CRMS0395-H01 for Calibration Period, 2010-2013.

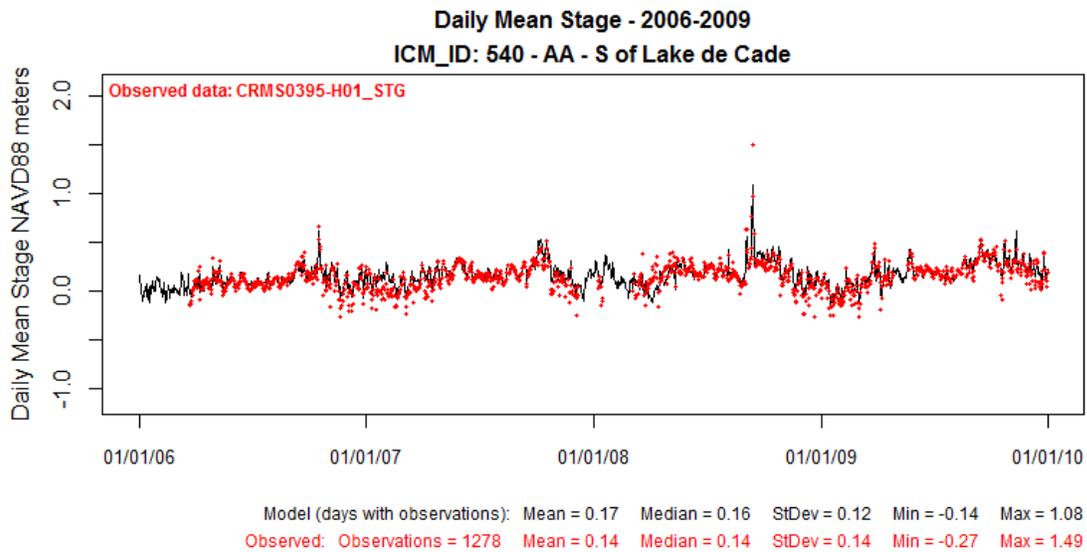


Figure 250: Modeled Stage at ICM Compartment 540 (solid black line) Compared to Observed Data at CRMS0395-H01 for Validation Period, 2006-2009.

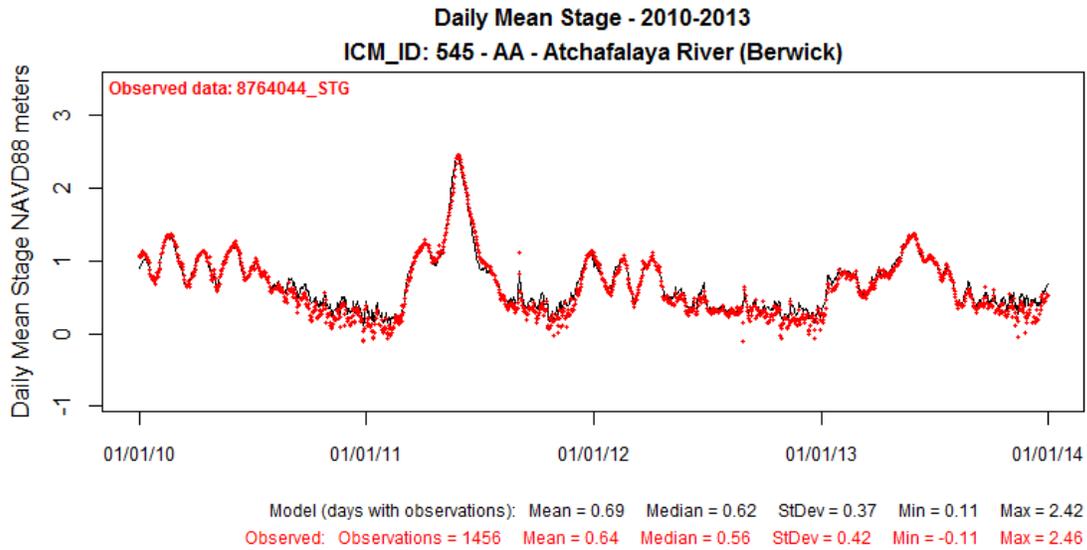


Figure 251: Modeled Stage at ICM Compartment 545 (solid black line) Compared to Observed Data at USGS8764044 for Calibration Period, 2010-2013.

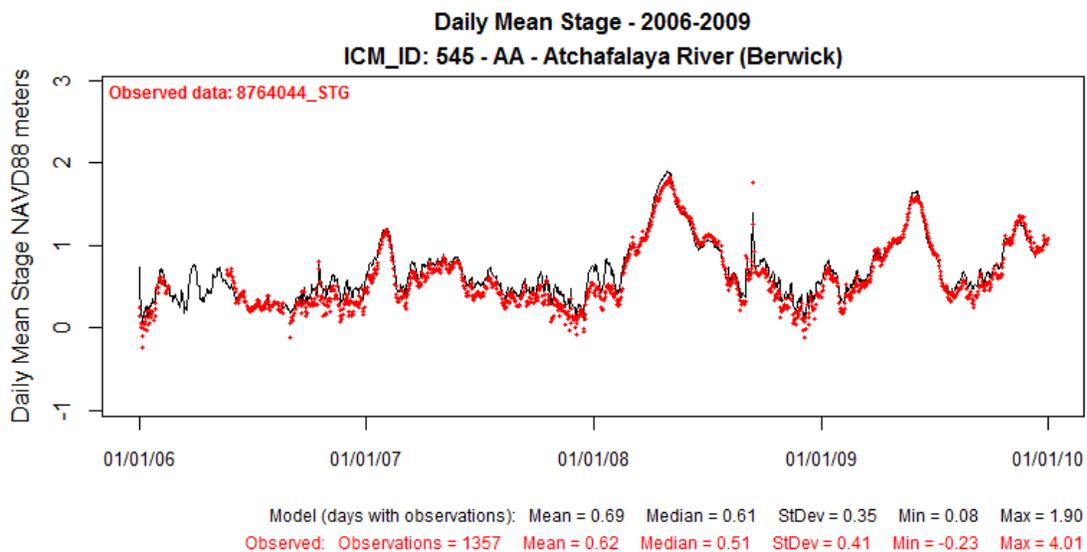


Figure 252: Modeled Stage at ICM Compartment 545 (solid black line) Compared to Observed Data at USGS8764044 for Validation Period, 2006-2009.

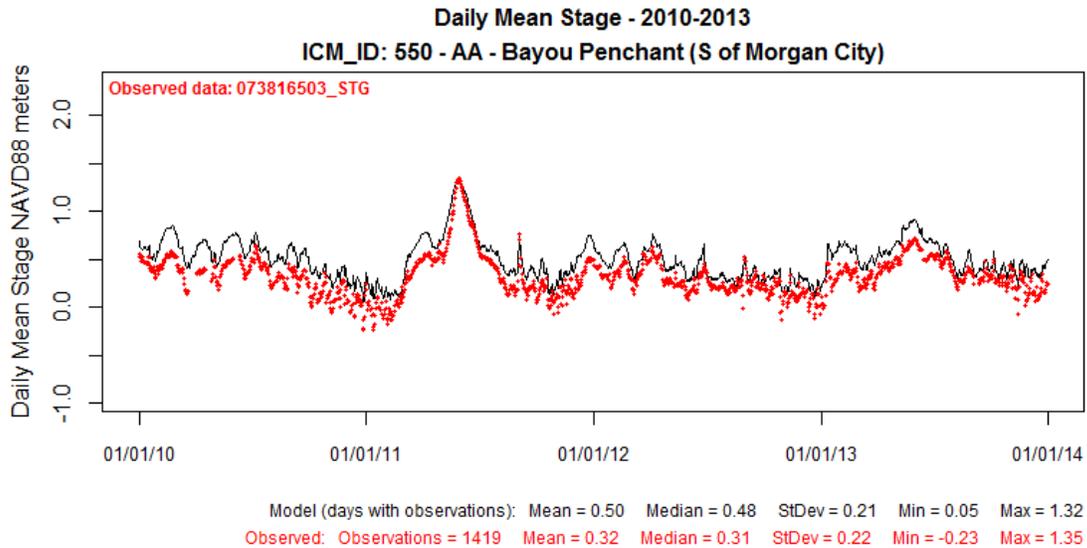


Figure 253: Modeled Stage at ICM Compartment 550 (solid black line) Compared to Observed Data at USGS073816503 for Calibration Period, 2010-2013.

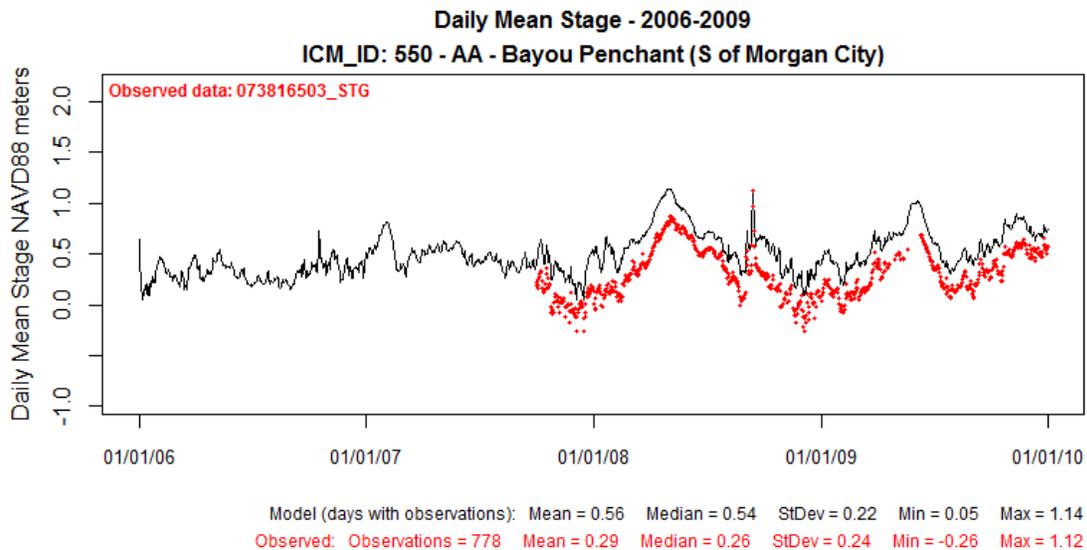


Figure 254: Modeled Stage at ICM Compartment 550 (solid black line) Compared to Observed Data at USGS073816503 for Validation Period, 2006-2009.

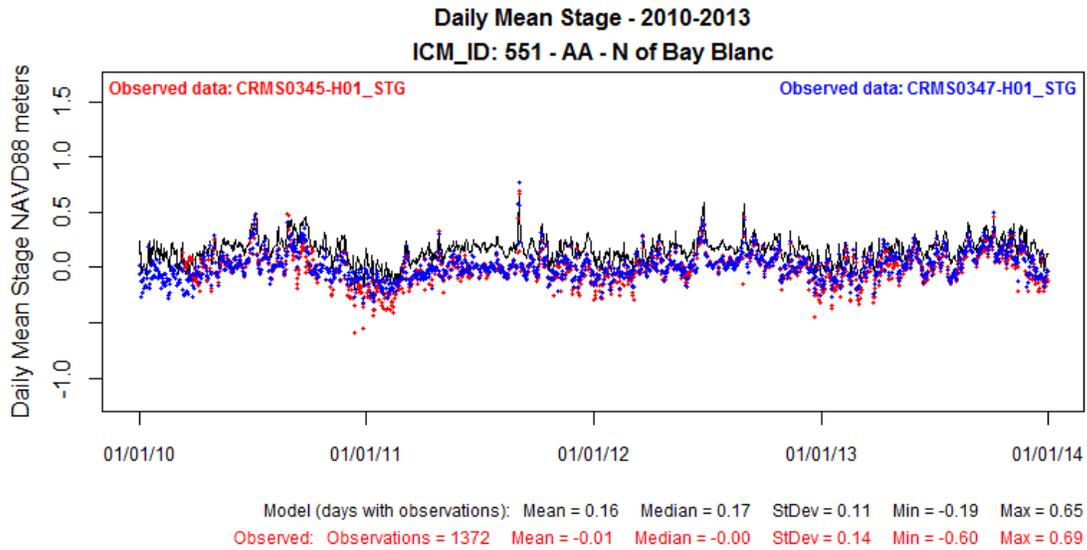


Figure 255: Modeled Stage at ICM Compartment 551 (solid black line) Compared to Observed Data at CRMS0345-H01 for Calibration Period, 2010-2013.

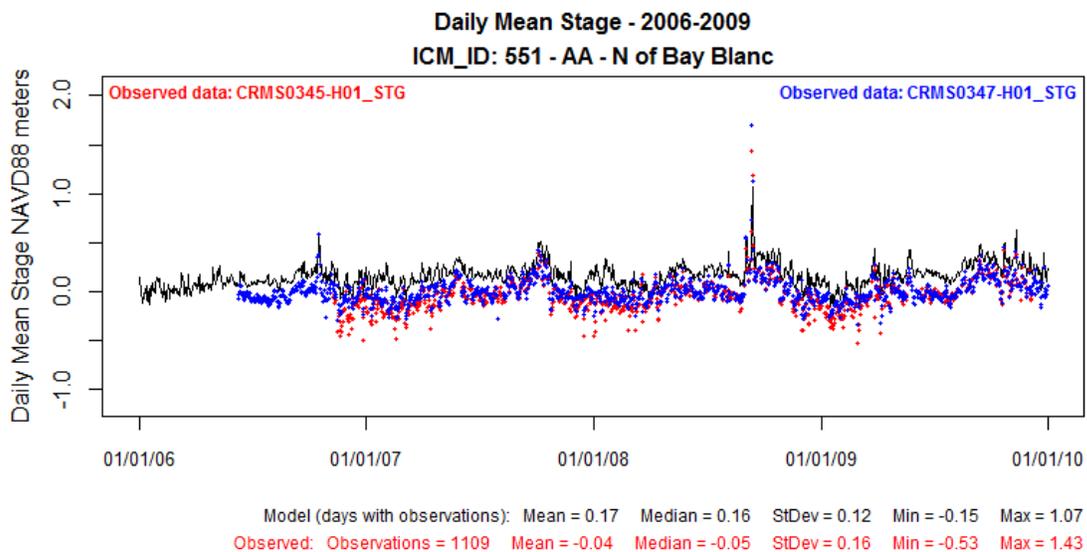


Figure 256: Modeled Stage at ICM Compartment 551 (solid black line) Compared to Observed Data at CRMS0345-H01 for Validation Period, 2006-2009.

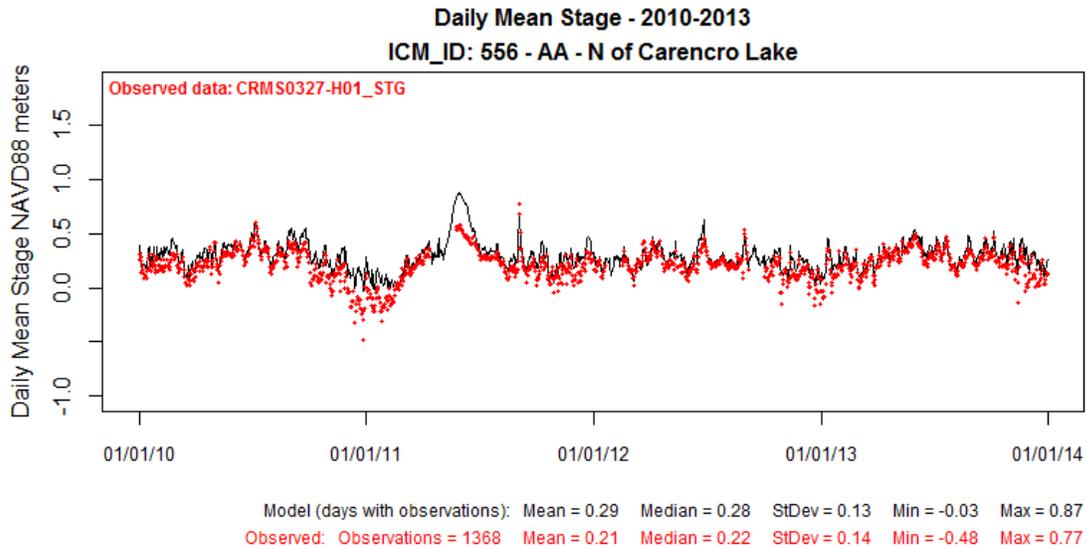


Figure 257: Modeled Stage at ICM Compartment 556 (solid black line) Compared to Observed Data at CRMS0327-H01 for Calibration Period, 2010-2013.

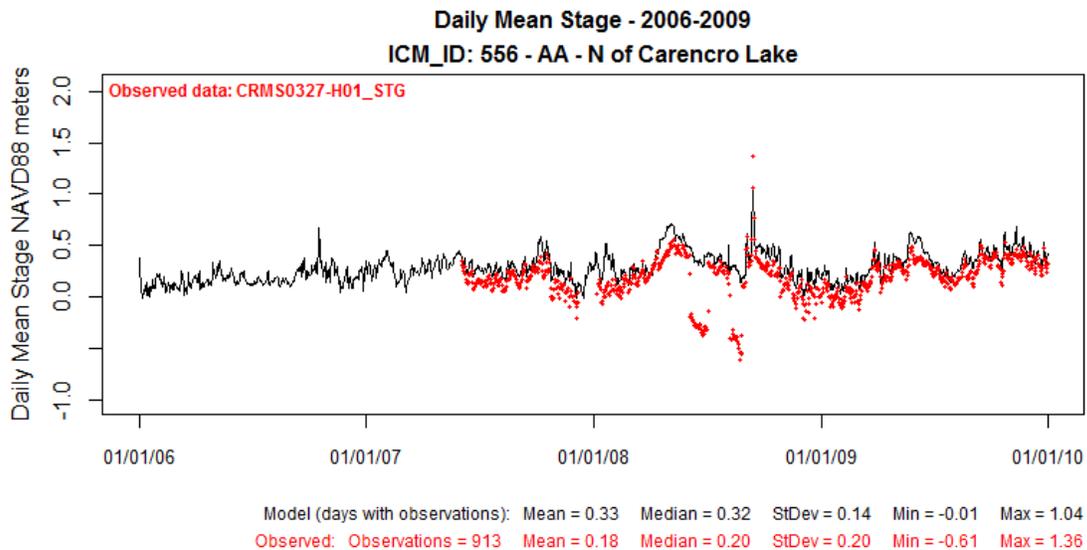


Figure 258: Modeled Stage at ICM Compartment 556 (solid black line) Compared to Observed Data at CRMS0327-H01 for Validation Period, 2006-2009.

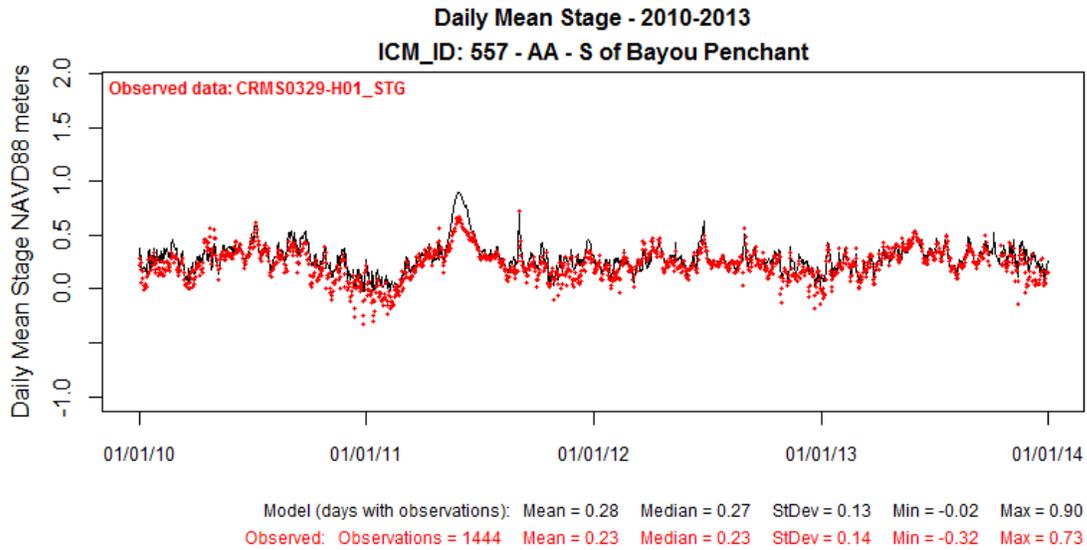


Figure 259: Modeled Stage at ICM Compartment 557 (solid black line) Compared to Observed Data at CRMS0329-H01 for Calibration Period, 2010-2013.

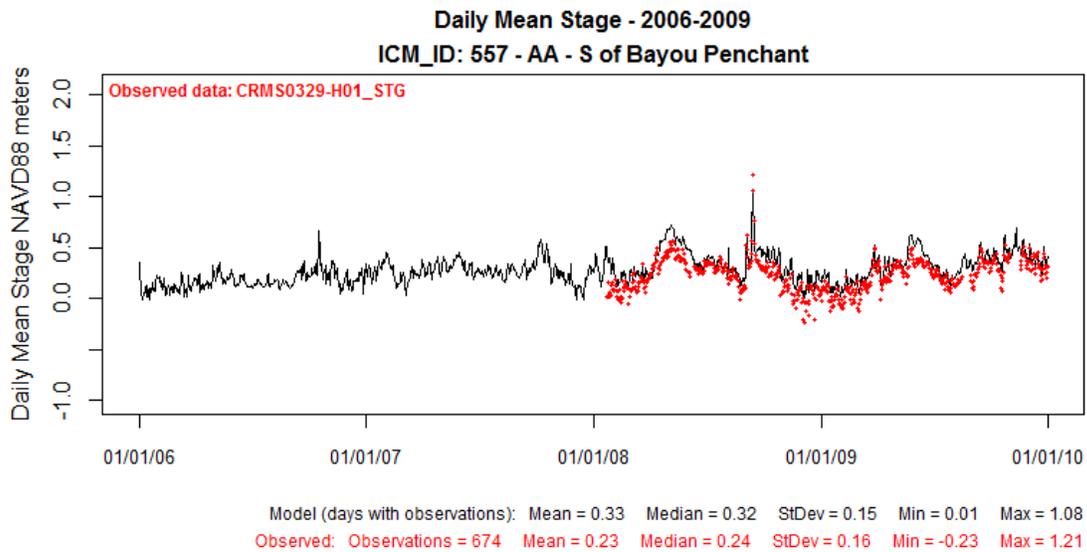


Figure 260: Modeled Stage at ICM Compartment 557 (solid black line) Compared to Observed Data at CRMS0329-H01 for Validation Period, 2006-2009.

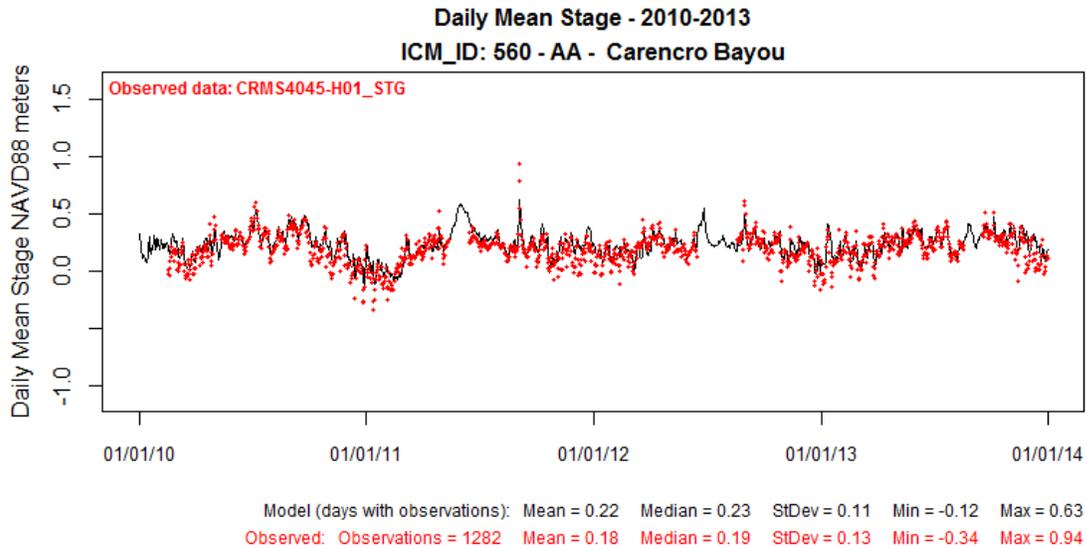


Figure 261: Modeled Stage at ICM Compartment 560 (solid black line) Compared to Observed Data at CRMS4045-H01 for Calibration Period, 2010-2013.

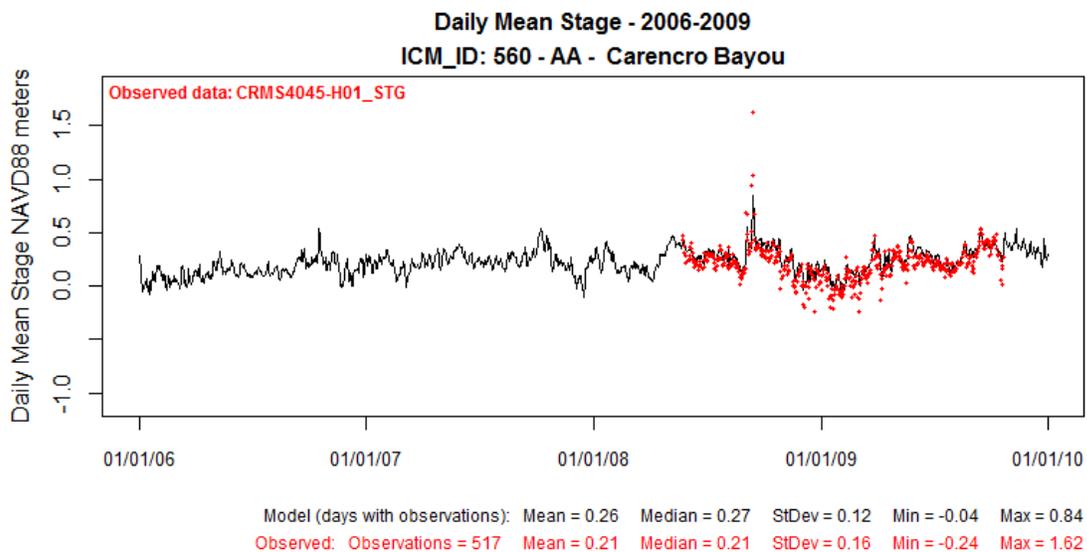


Figure 262: Modeled Stage at ICM Compartment 560 (solid black line) Compared to Observed Data at CRMS4045-H01 for Validation Period, 2006-2009.

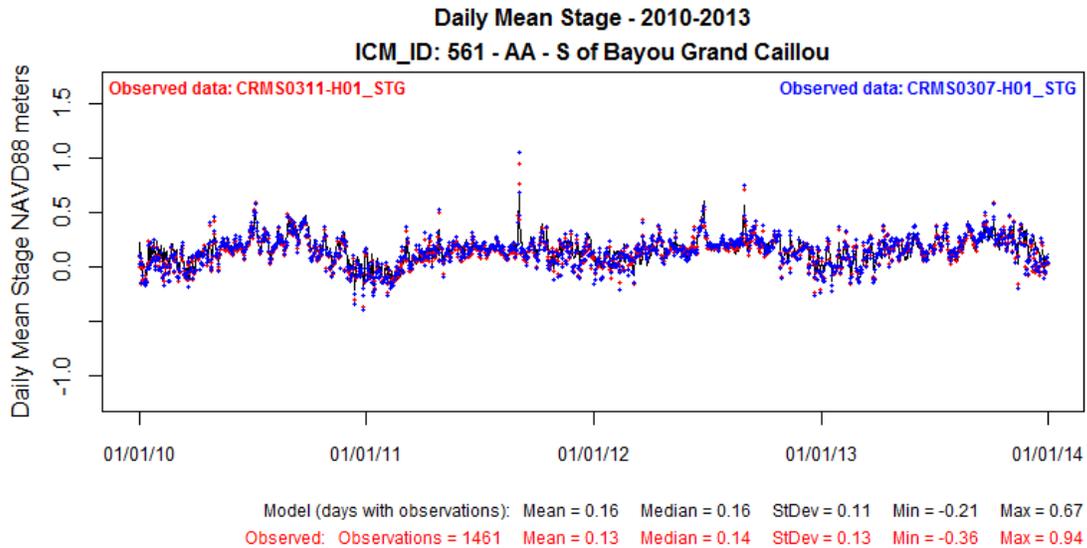


Figure 263: Modeled Stage at ICM Compartment 561 (solid black line) Compared to Observed Data at CRMS0311-H01 for Calibration Period, 2010-2013.

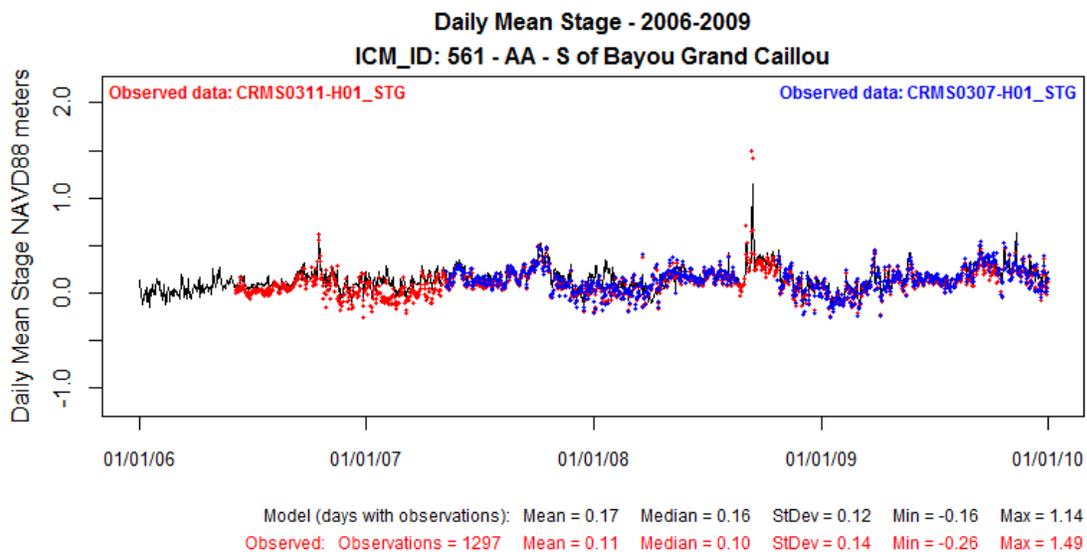


Figure 264: Modeled Stage at ICM Compartment 561 (solid black line) Compared to Observed Data at CRMS0311-H01 for Validation Period, 2006-2009.

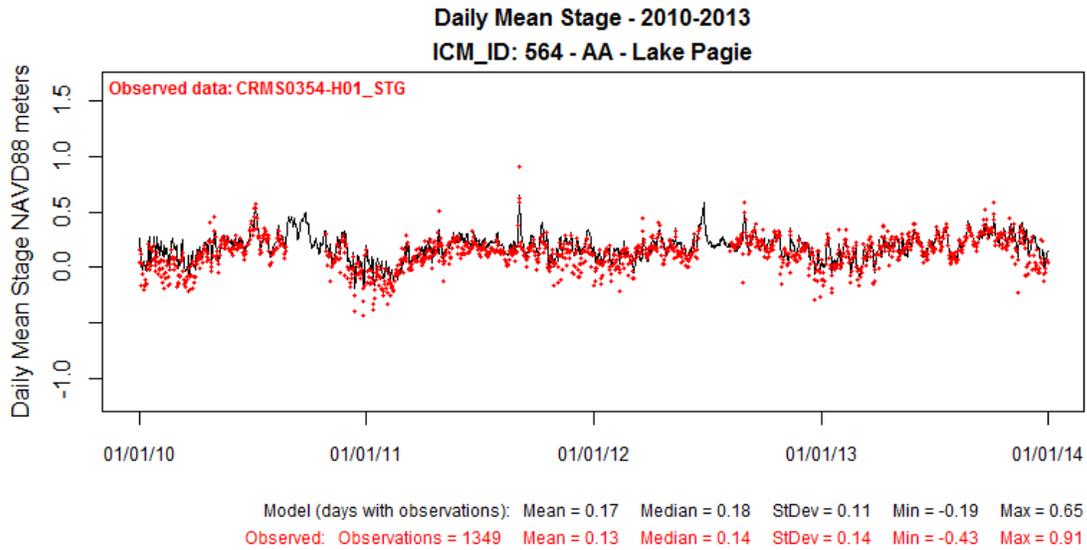


Figure 265: Modeled Stage at ICM Compartment 564 (solid black line) Compared to Observed Data at CRMS0354-H01 for Calibration Period, 2010-2013.

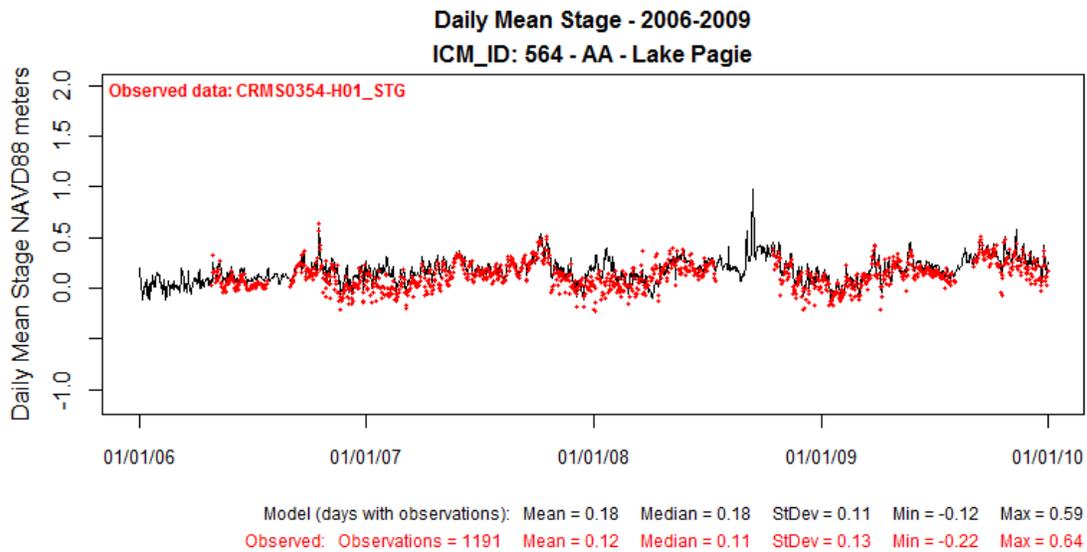


Figure 266: Modeled Stage at ICM Compartment 564 (solid black line) Compared to Observed Data at CRMS0354-H01 for Validation Period, 2006-2009.

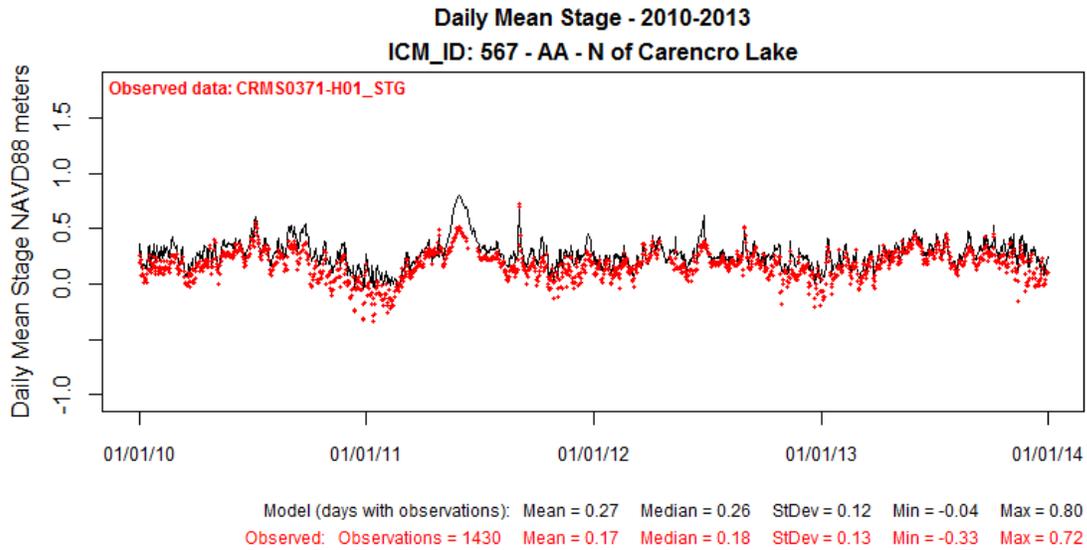


Figure 267: Modeled Stage at ICM Compartment 567 (solid black line) Compared to Observed Data at CRMS0371-H01 for Calibration Period, 2010-2013.

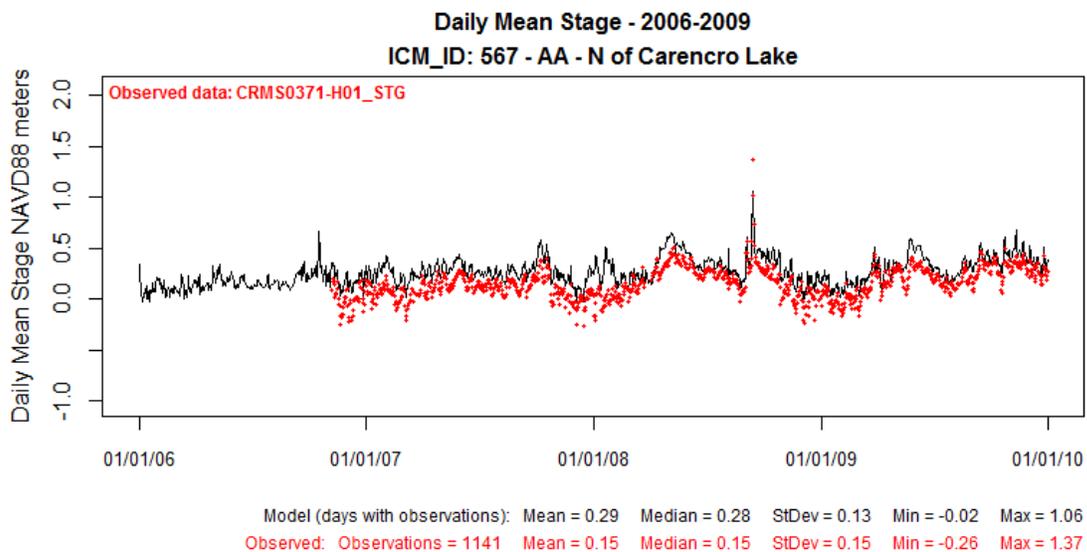


Figure 268: Modeled Stage at ICM Compartment 567 (solid black line) Compared to Observed Data at CRMS0371-H01 for Validation Period, 2006-2009.

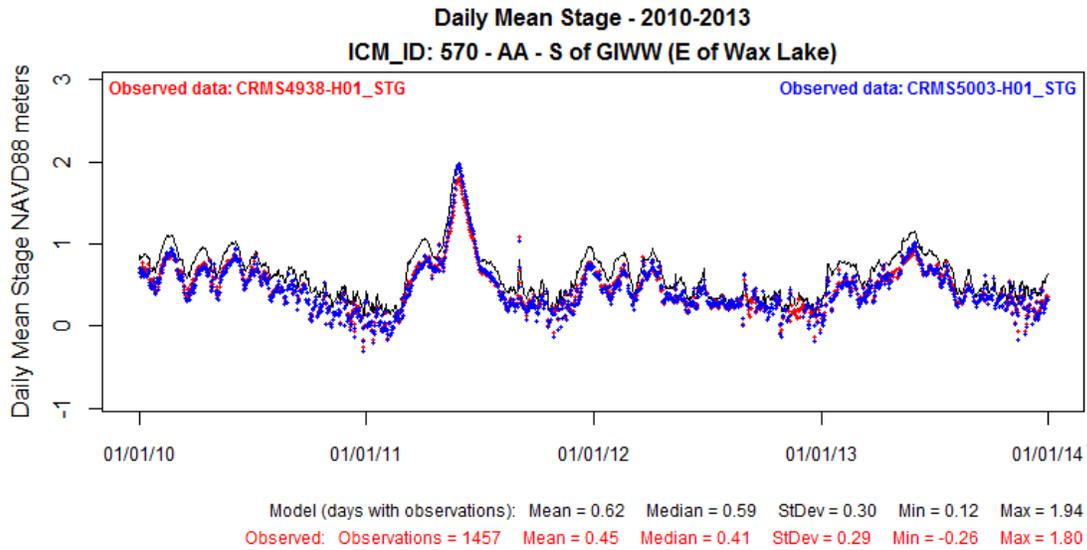


Figure 269: Modeled Stage at ICM Compartment 570 (solid black line) Compared to Observed Data at CRMS4938-H01 for Calibration Period, 2010-2013.

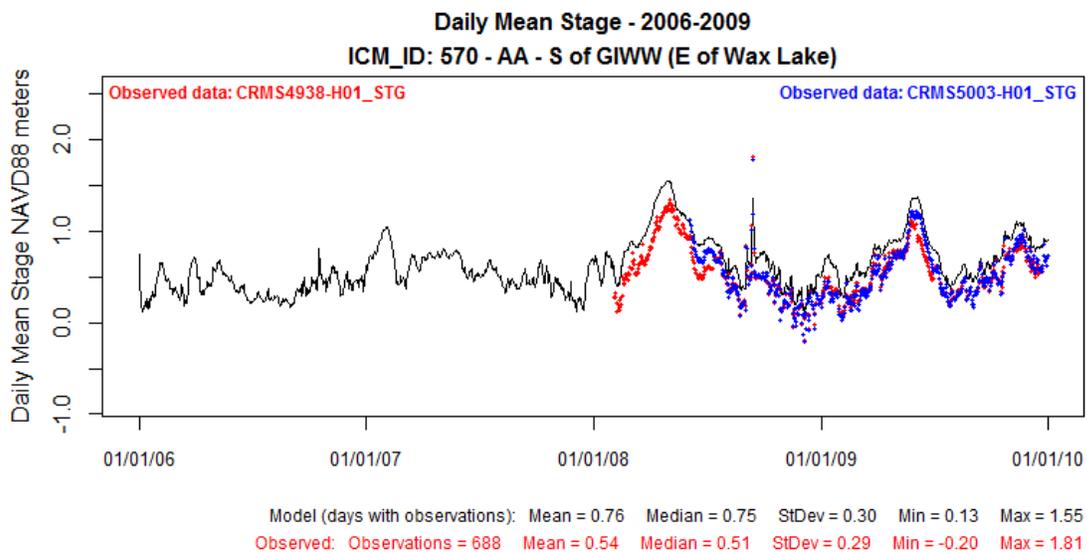


Figure 270: Modeled Stage at ICM Compartment 570 (solid black line) Compared to Observed Data at CRMS4938-H01 for Validation Period, 2006-2009.

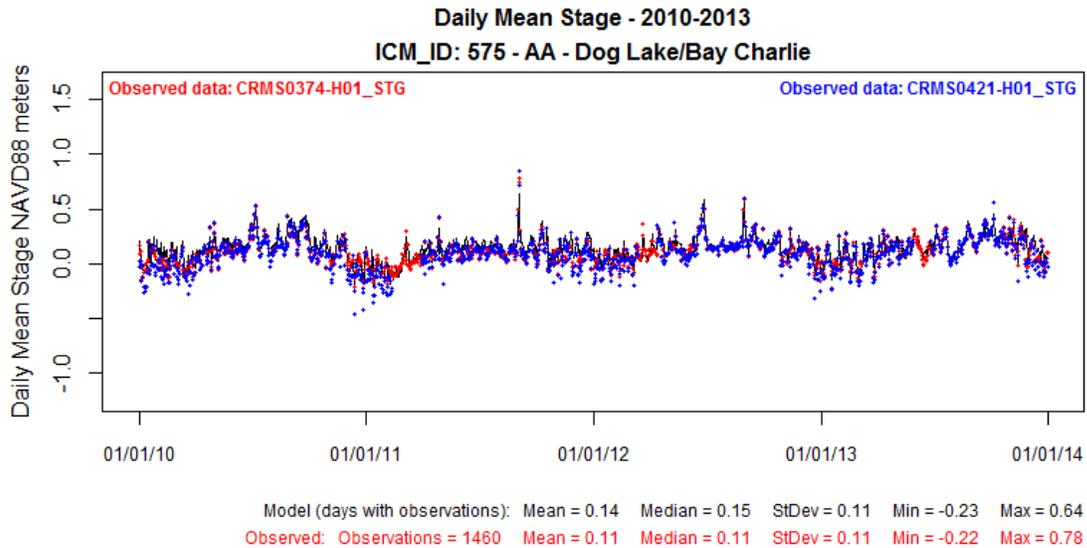


Figure 271: Modeled Stage at ICM Compartment 575 (solid black line) Compared to Observed Data at CRMS0374-H01 for Calibration Period, 2010-2013.

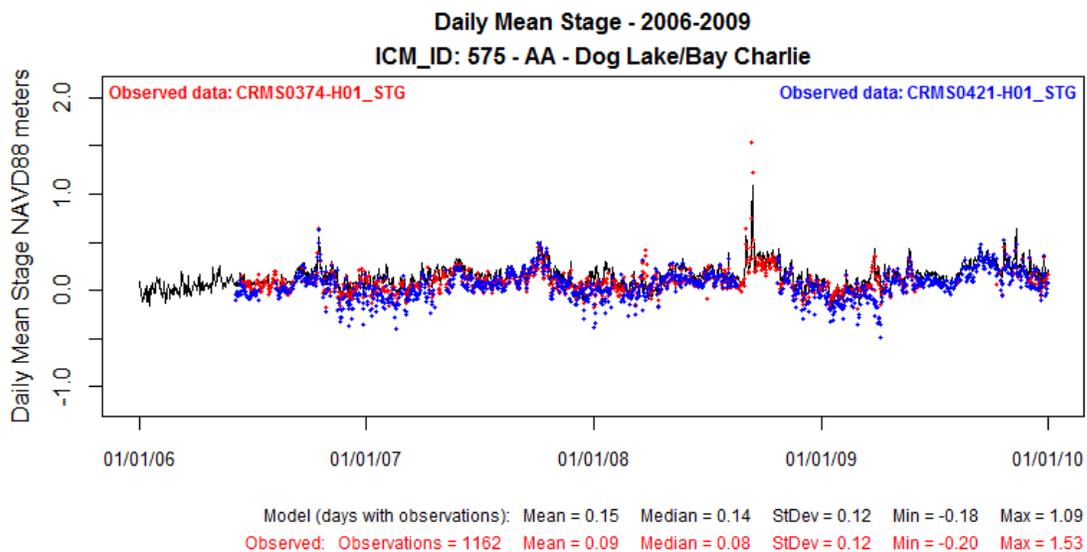


Figure 272: Modeled Stage at ICM Compartment 575 (solid black line) Compared to Observed Data at CRMS0374-H01 for Validation Period, 2006-2009.

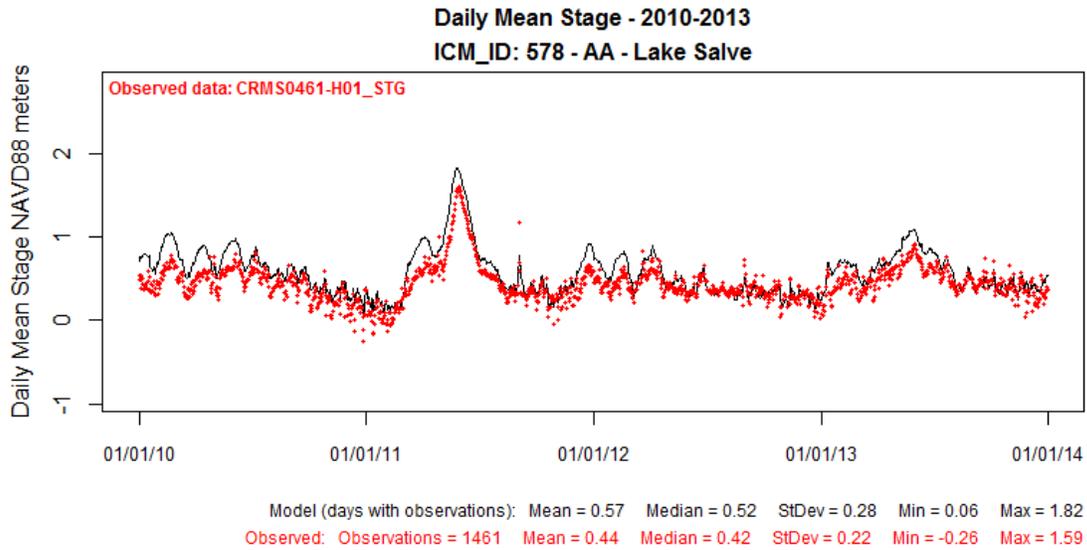


Figure 273: Modeled Stage at ICM Compartment 578 (solid black line) Compared to Observed Data at CRMS0461-H01 for Calibration Period, 2010-2013.

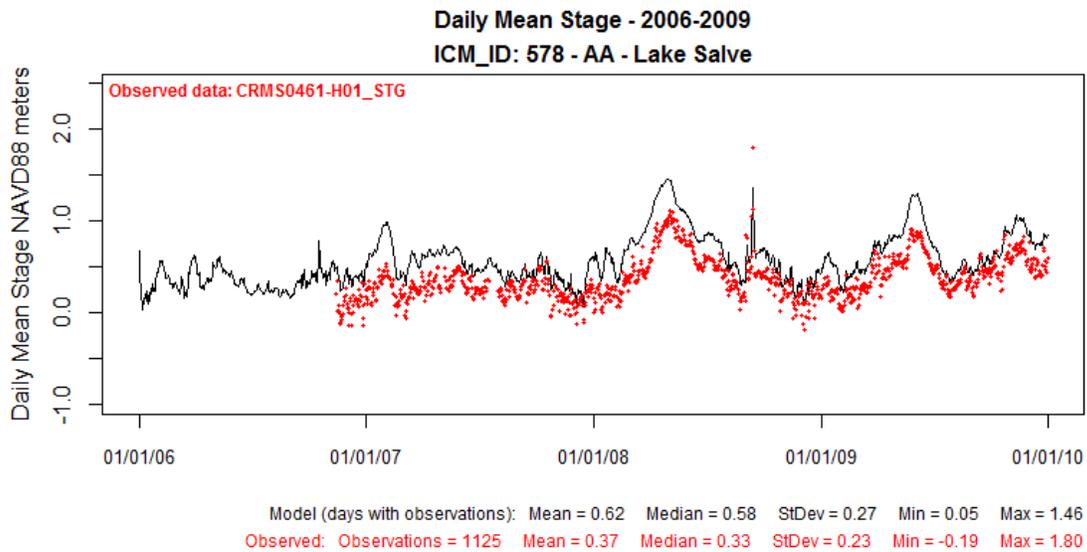


Figure 274: Modeled Stage at ICM Compartment 578 (solid black line) Compared to Observed Data at CRMS0461-H01 for Validation Period, 2006-2009.

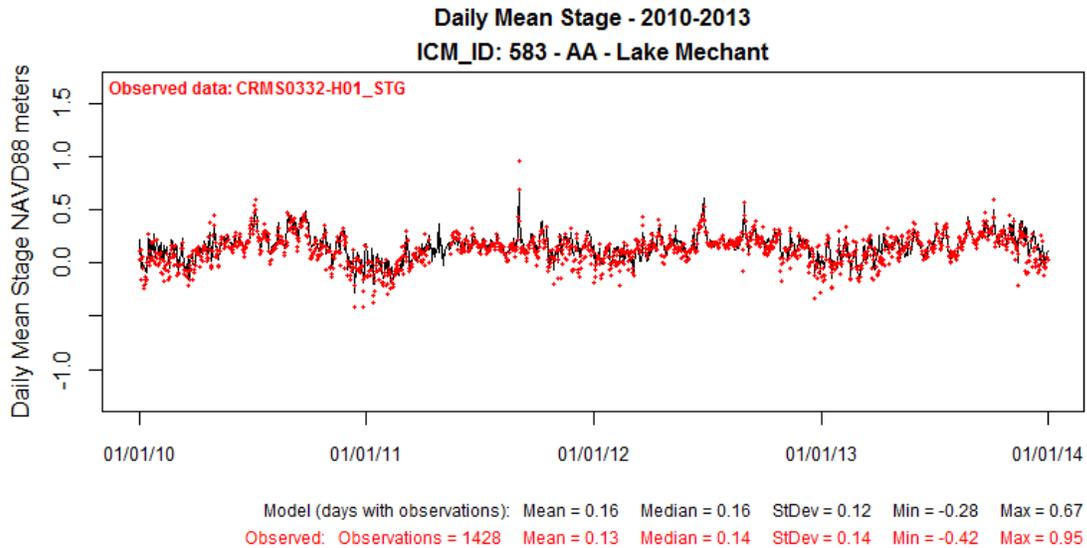


Figure 275: Modeled Stage at ICM Compartment 583 (solid black line) Compared to Observed Data at CRMS0332-H01 for Calibration Period, 2010-2013.

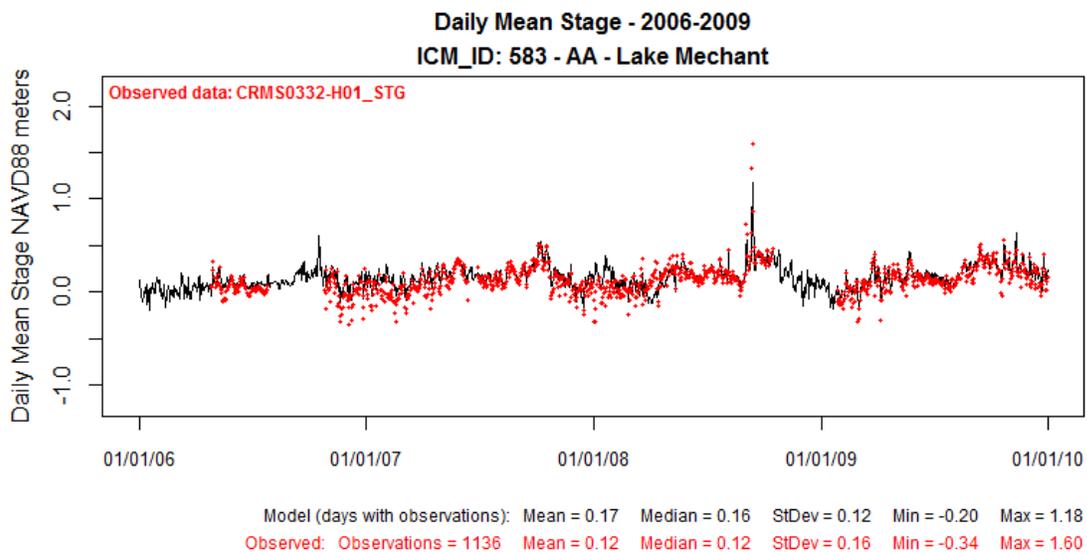


Figure 276: Modeled Stage at ICM Compartment 583 (solid black line) Compared to Observed Data at CRMS0332-H01 for Validation Period, 2006-2009.

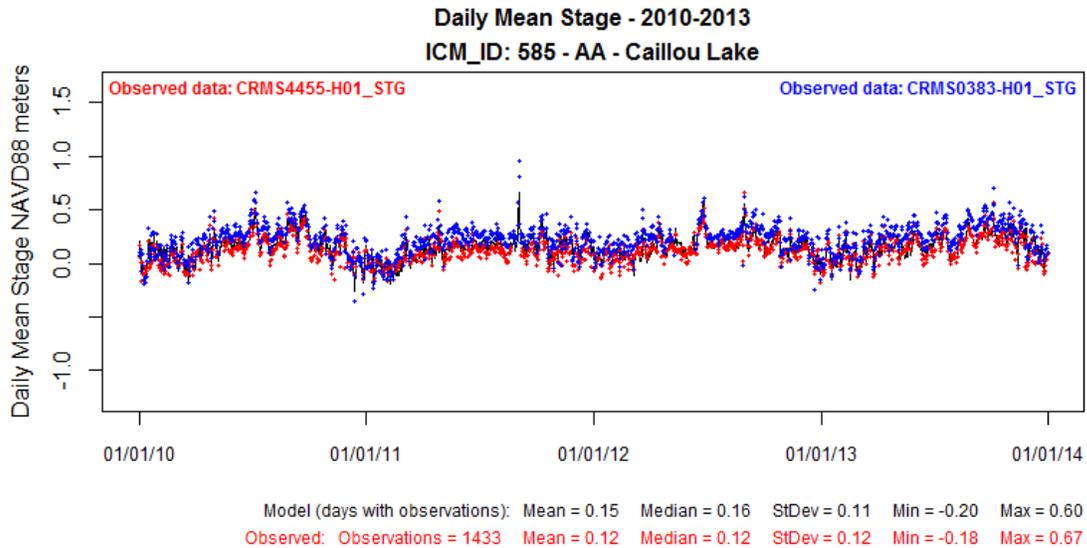


Figure 277: Modeled Stage at ICM Compartment 585 (solid black line) Compared to Observed Data at CRMS4455-H01 for Calibration Period, 2010-2013.

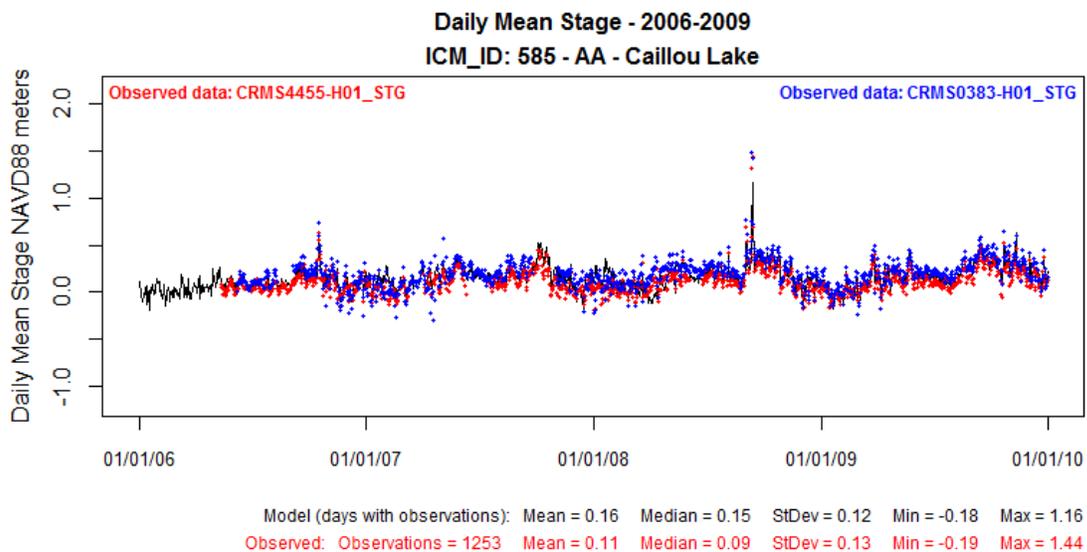


Figure 278: Modeled Stage at ICM Compartment 585 (solid black line) Compared to Observed Data at CRMS4455-H01 for Validation Period, 2006-2009.

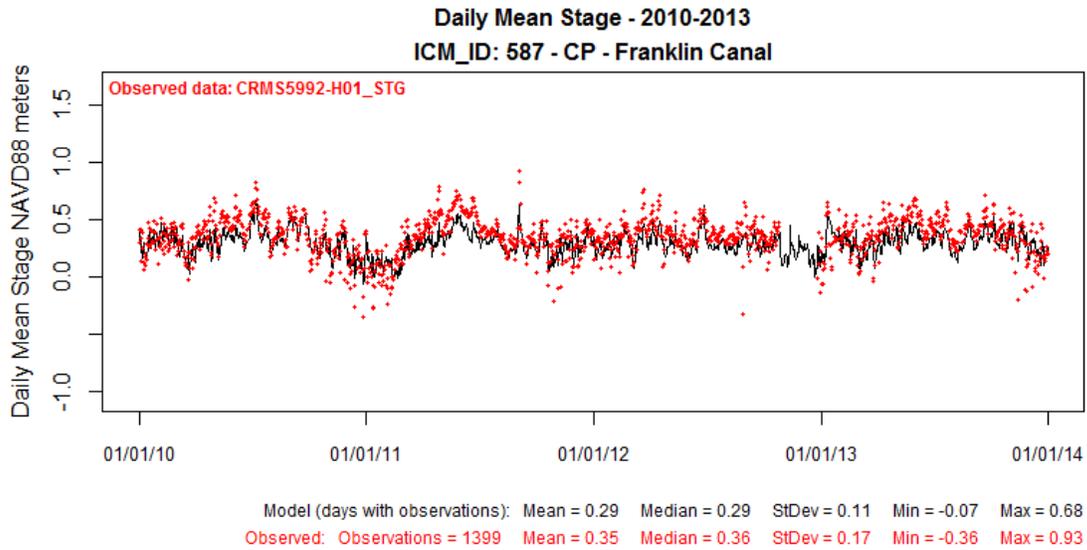


Figure 279: Modeled Stage at ICM Compartment 587 (solid black line) Compared to Observed Data at CRMS5992-H01 for Calibration Period, 2010-2013.

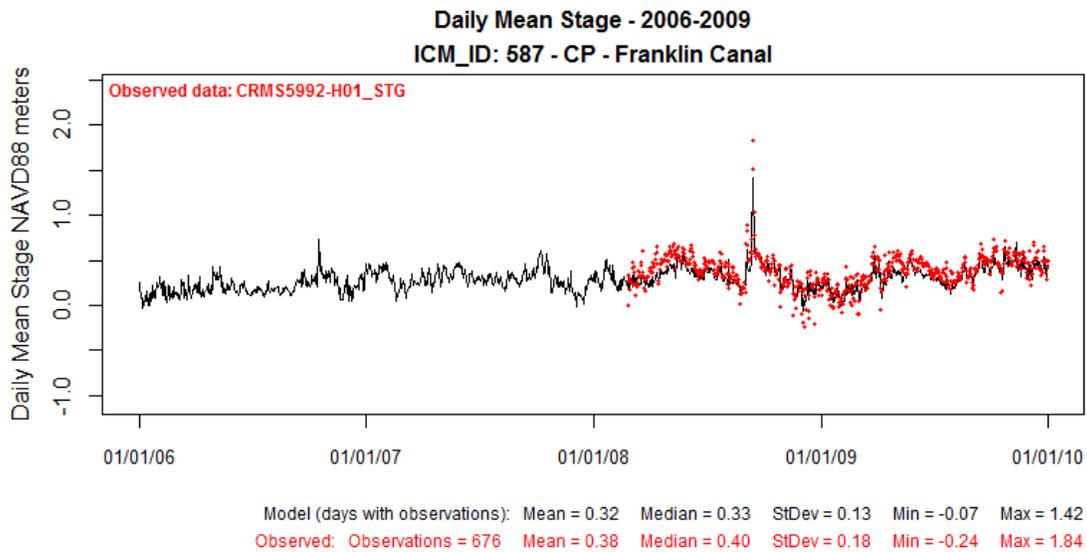


Figure 280: Modeled Stage at ICM Compartment 587 (solid black line) Compared to Observed Data at CRMS5992-H01 for Validation Period, 2006-2009.

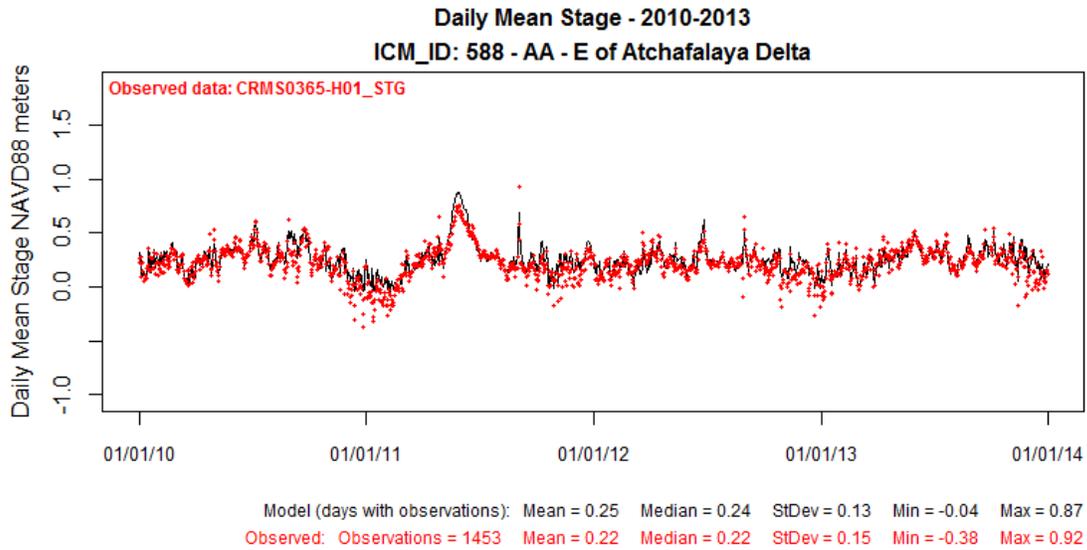


Figure 281: Modeled Stage at ICM Compartment 588 (solid black line) Compared to Observed Data at CRMS0365-H01 for Calibration Period, 2010-2013.

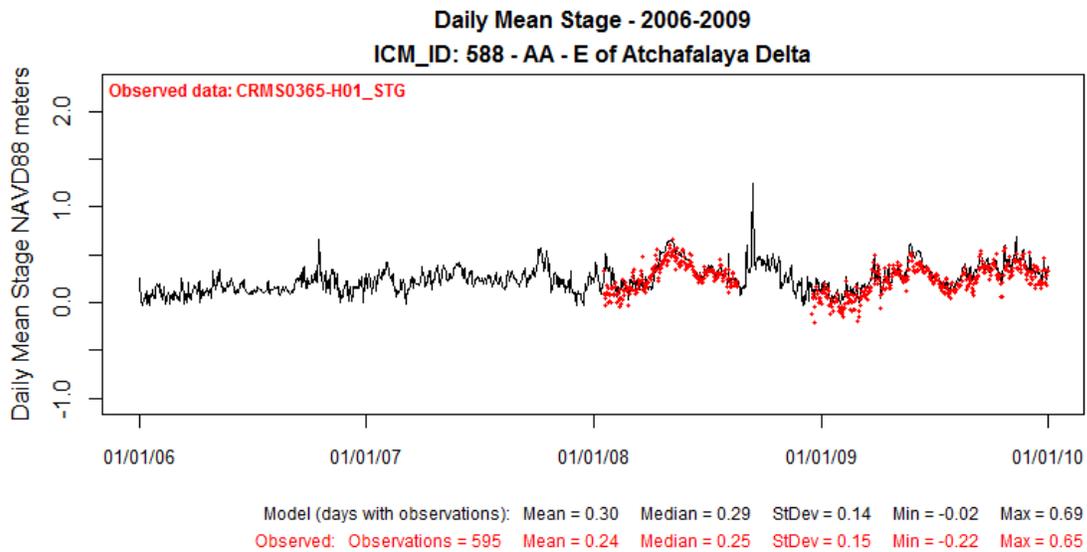


Figure 282: Modeled Stage at ICM Compartment 588 (solid black line) Compared to Observed Data at CRMS0365-H01 for Validation Period, 2006-2009.

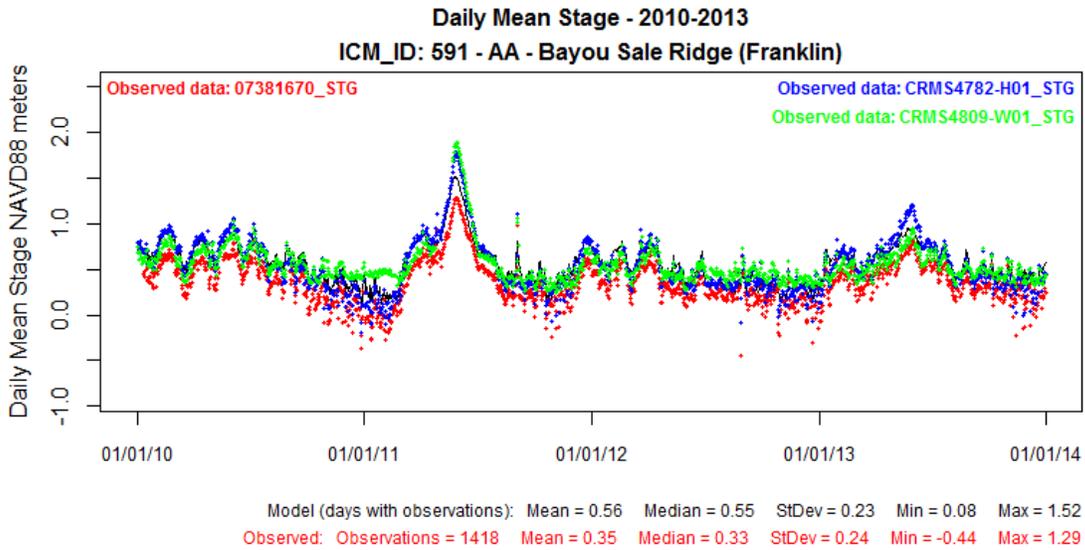


Figure 283: Modeled Stage at ICM Compartment 591 (solid black line) Compared to Observed Data at USGS07381670 for Calibration Period, 2010-2013.

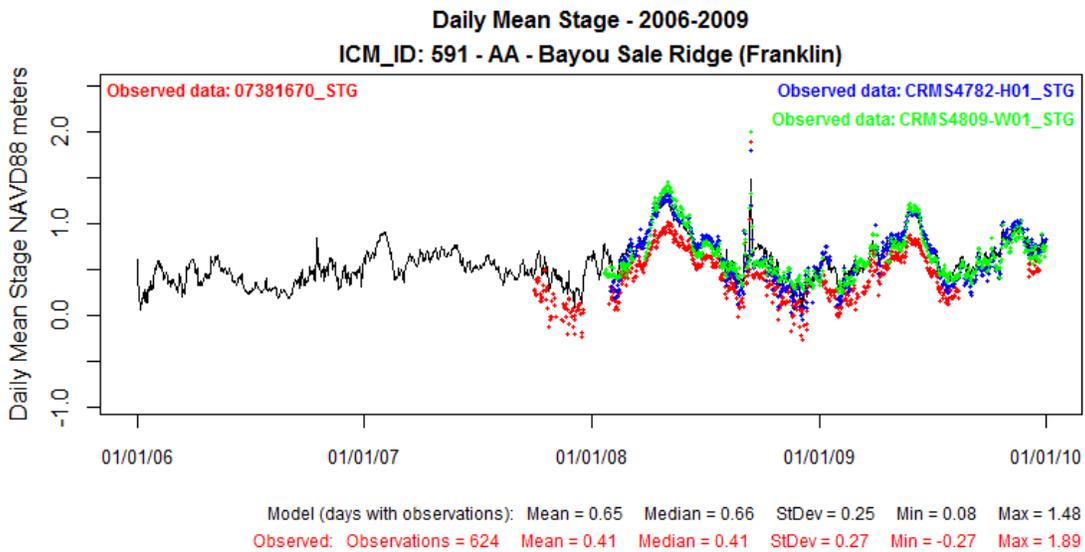


Figure 284: Modeled Stage at ICM Compartment 591 (solid black line) Compared to Observed Data at USGS07381670 for Validation Period, 2006-2009.

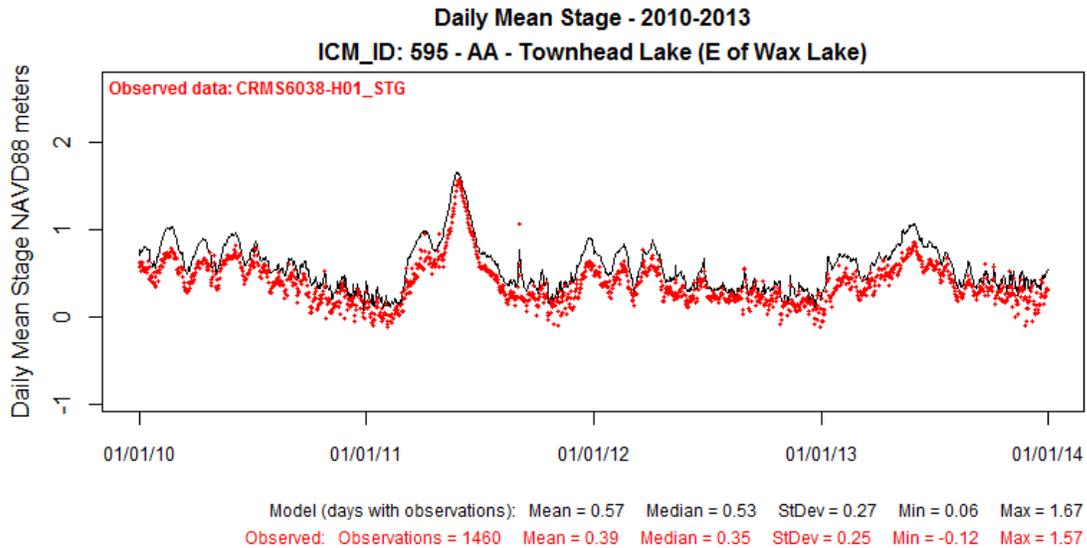


Figure 285: Modeled Stage at ICM Compartment 595 (solid black line) Compared to Observed Data at CRMS6038-H01 for Calibration Period, 2010-2013.

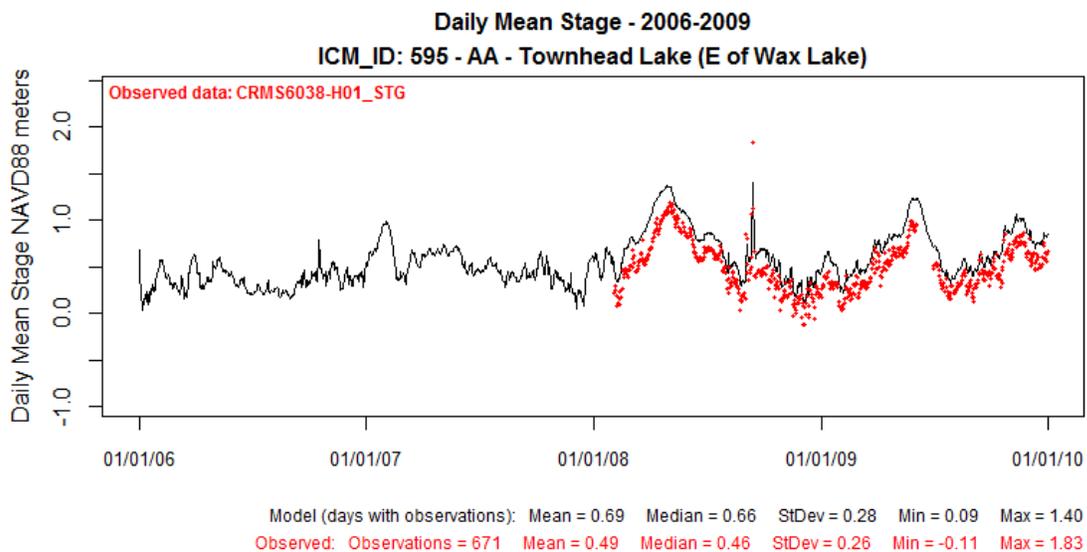


Figure 286: Modeled Stage at ICM Compartment 595 (solid black line) Compared to Observed Data at CRMS6038-H01 for Validation Period, 2006-2009.

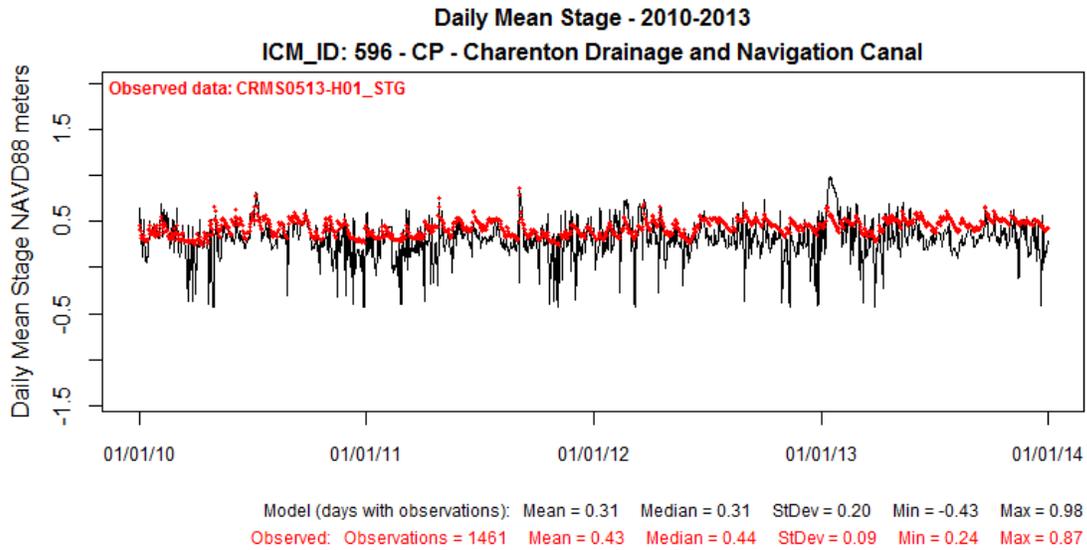


Figure 287: Modeled Stage at ICM Compartment 596 (solid black line) Compared to Observed Data at CRMS0513-H01 for Calibration Period, 2010-2013.

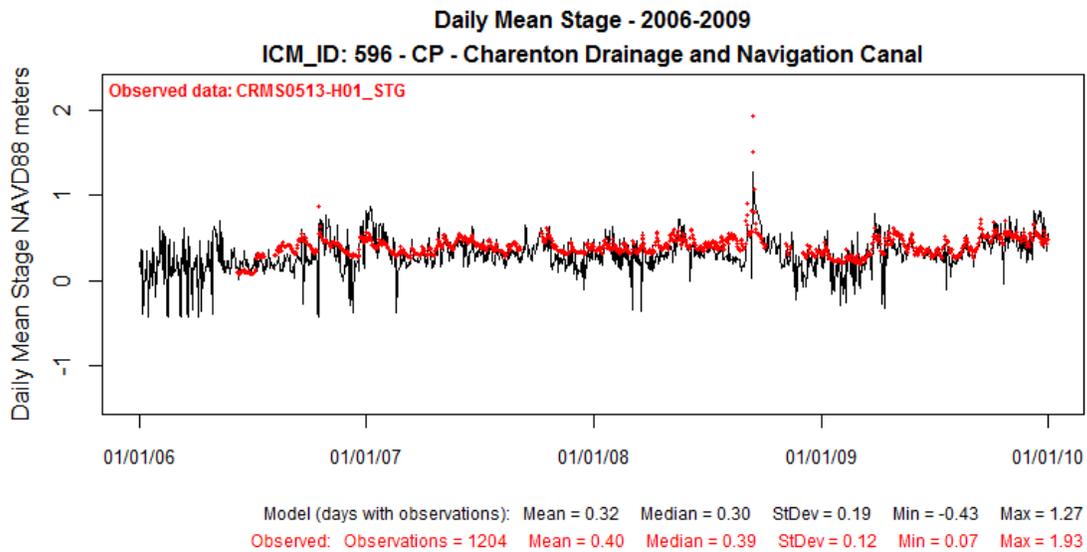


Figure 288: Modeled Stage at ICM Compartment 596 (solid black line) Compared to Observed Data at CRMS0513-H01 for Validation Period, 2006-2009.

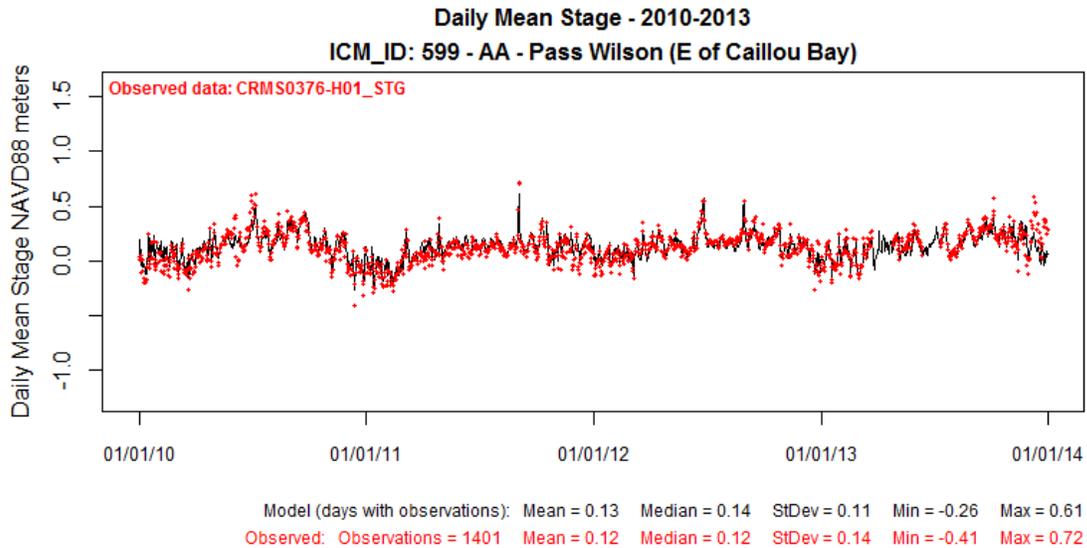


Figure 289: Modeled Stage at ICM Compartment 599 (solid black line) Compared to Observed Data at CRMS0376-H01 for Calibration Period, 2010-2013.

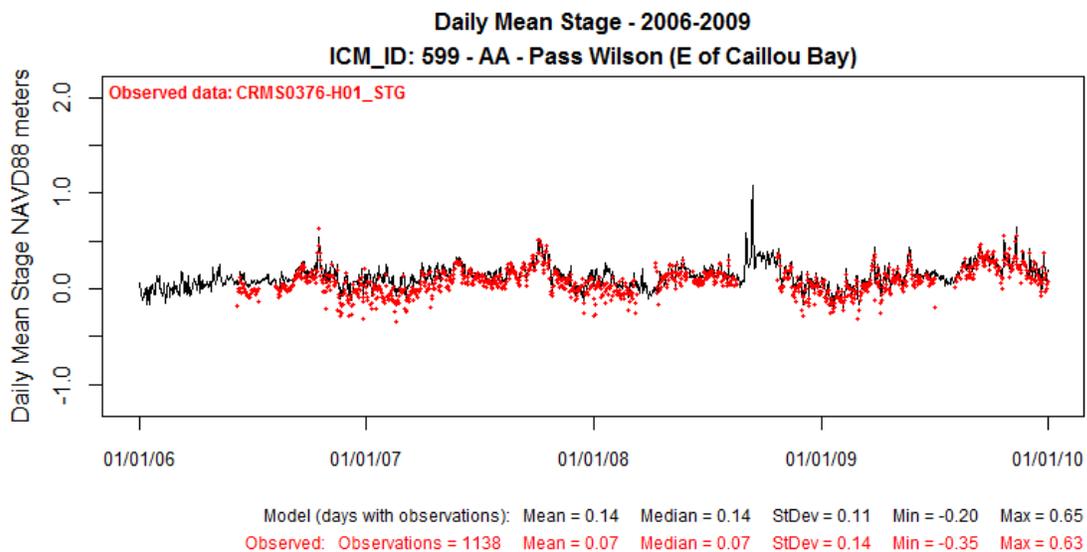


Figure 290: Modeled Stage at ICM Compartment 599 (solid black line) Compared to Observed Data at CRMS0376-H01 for Validation Period, 2006-2009.

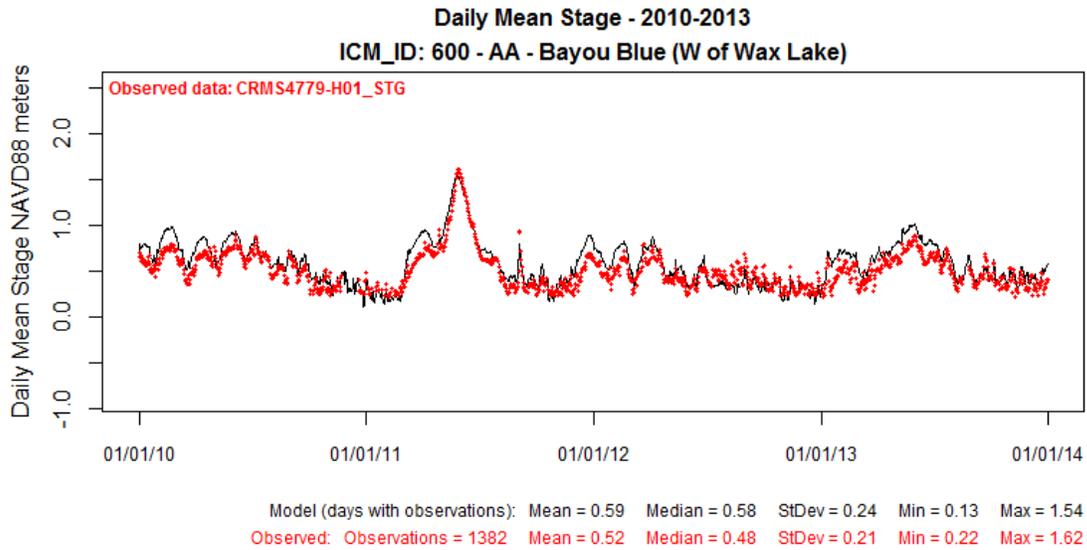


Figure 291: Modeled Stage at ICM Compartment 600 (solid black line) Compared to Observed Data at CRMS4779-H01 for Calibration Period, 2010-2013.

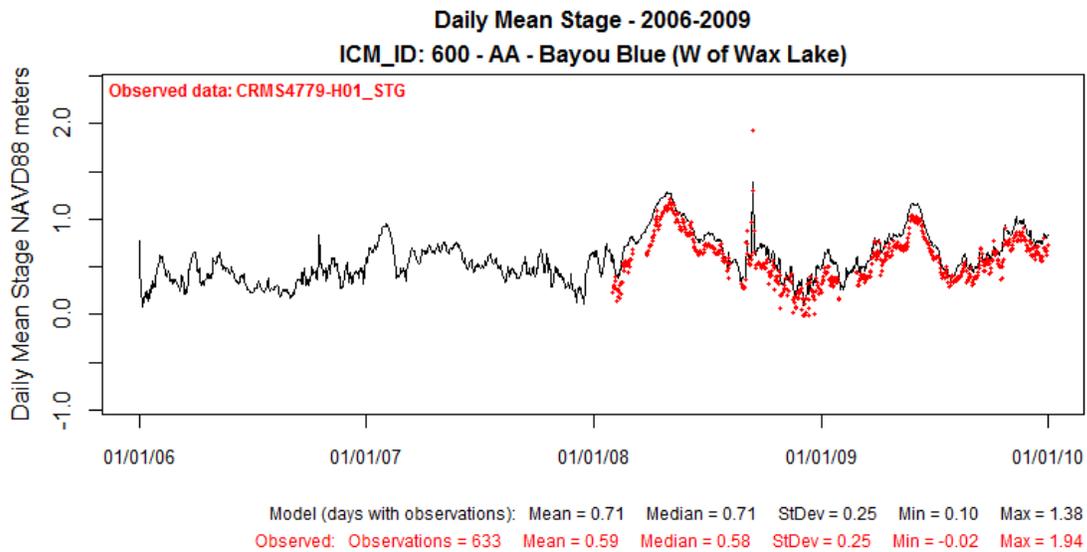


Figure 292: Modeled Stage at ICM Compartment 600 (solid black line) Compared to Observed Data at CRMS4779-H01 for Validation Period, 2006-2009.

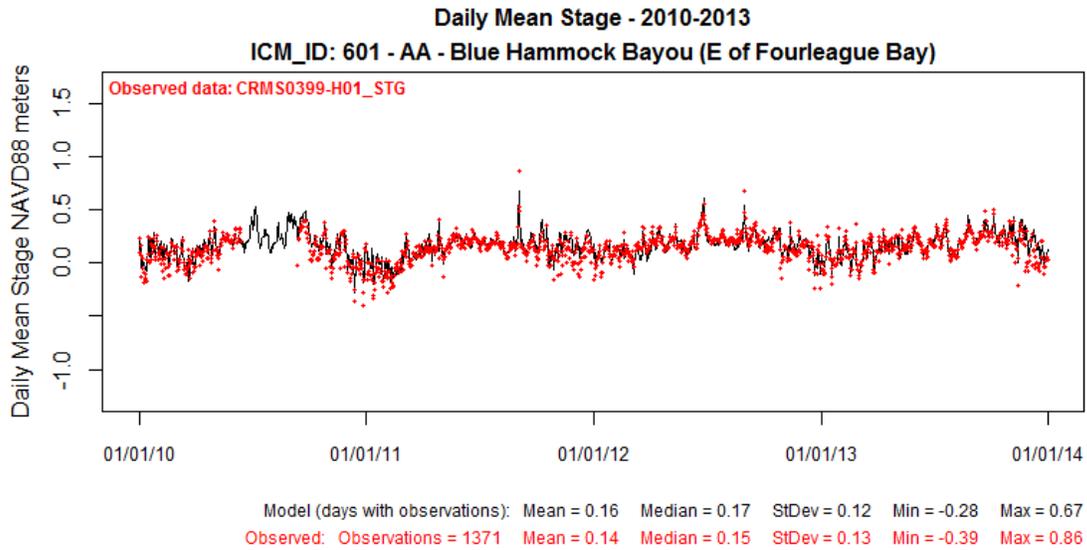


Figure 293: Modeled Stage at ICM Compartment 601 (solid black line) Compared to Observed Data at CRMS0399-H01 for Calibration Period, 2010-2013.

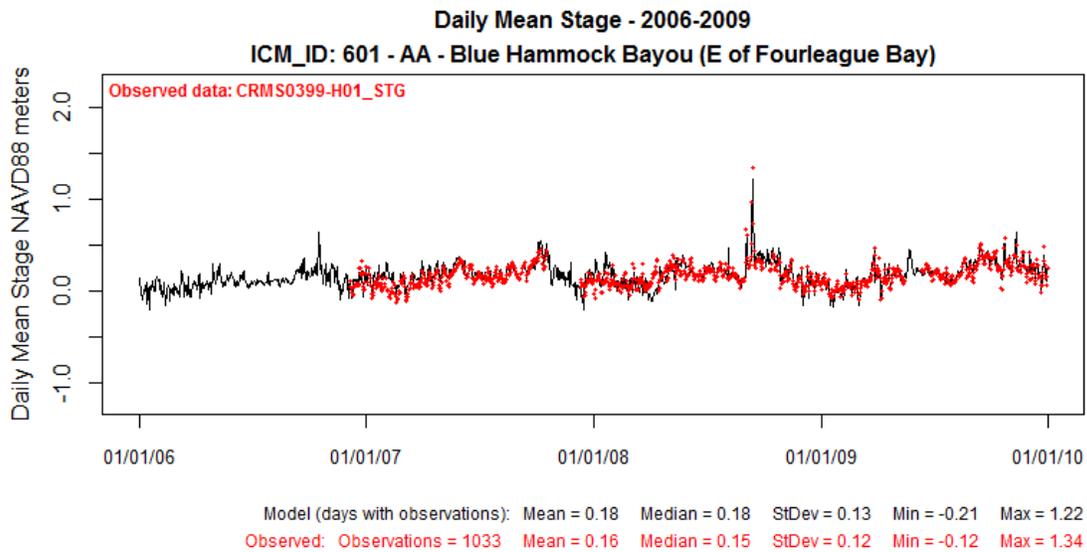


Figure 294: Modeled Stage at ICM Compartment 601 (solid black line) Compared to Observed Data at CRMS0399-H01 for Validation Period, 2006-2009.

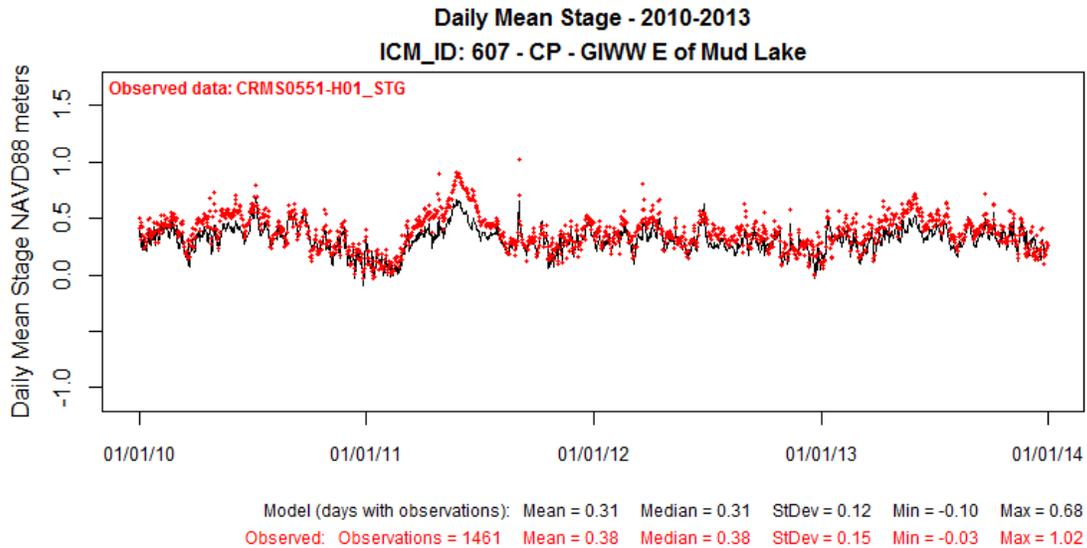


Figure 295: Modeled Stage at ICM Compartment 607 (solid black line) Compared to Observed Data at CRMS0551-H01 for Calibration Period, 2010-2013.

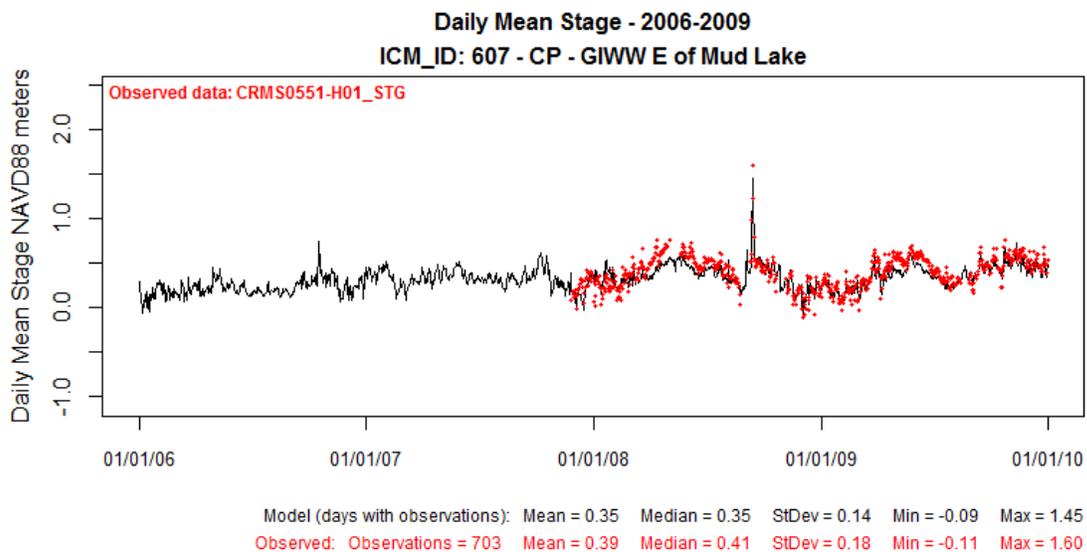


Figure 296: Modeled Stage at ICM Compartment 607 (solid black line) Compared to Observed Data at CRMS0551-H01 for Validation Period, 2006-2009.

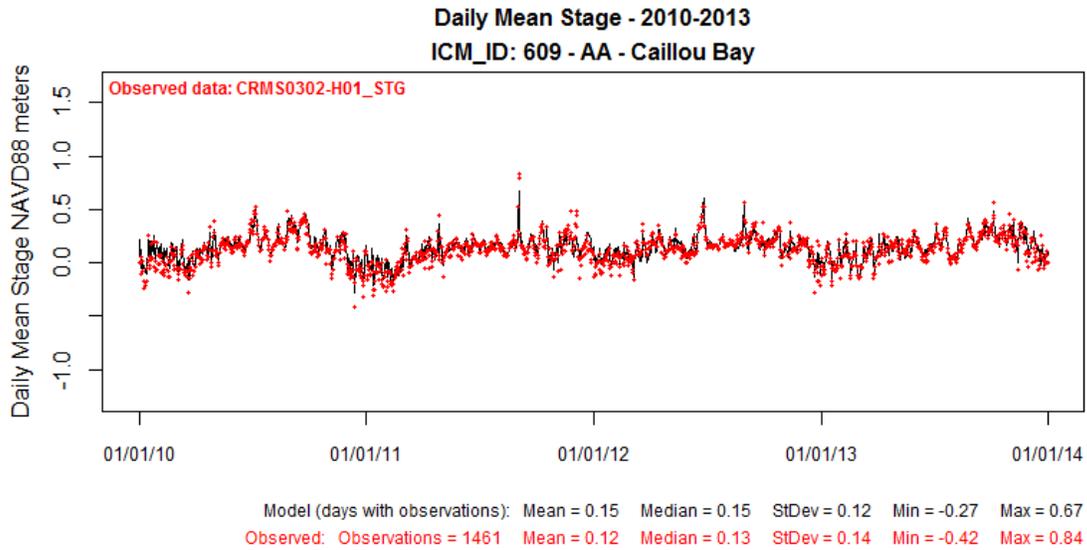


Figure 297: Modeled Stage at ICM Compartment 609 (solid black line) Compared to Observed Data at CRMS0302-H01 for Calibration Period, 2010-2013.

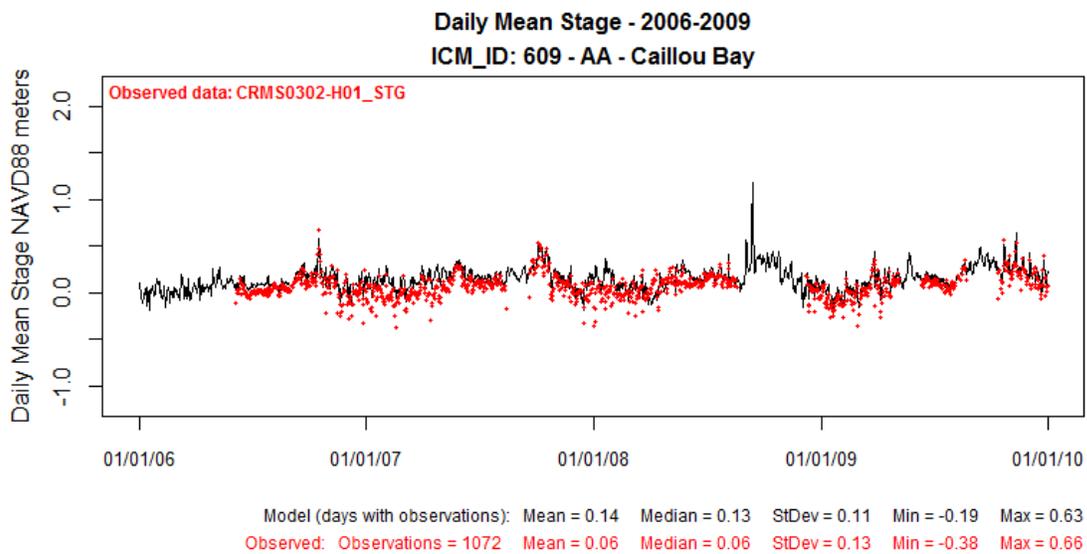


Figure 298: Modeled Stage at ICM Compartment 609 (solid black line) Compared to Observed Data at CRMS0302-H01 for Validation Period, 2006-2009.

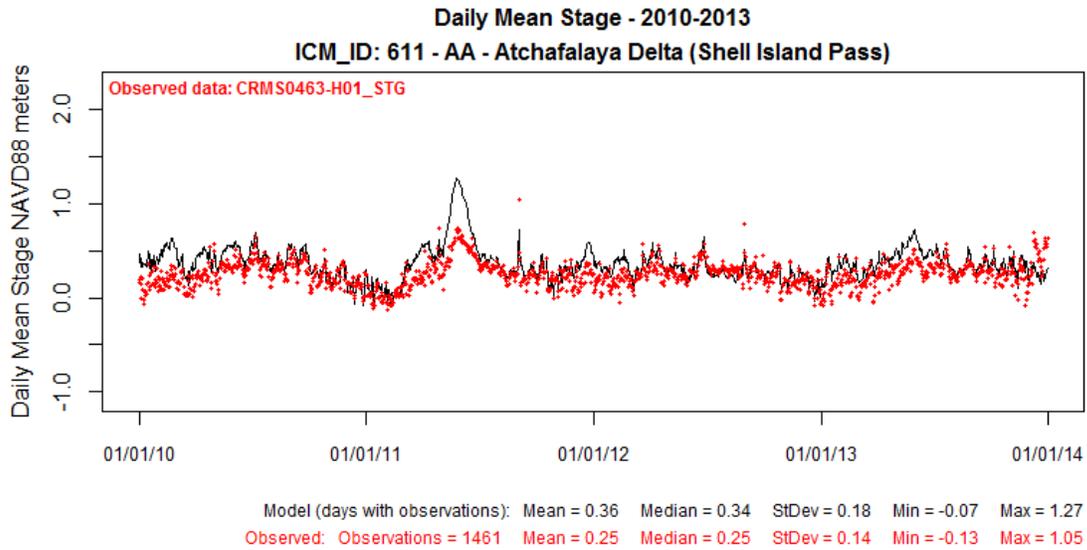


Figure 299: Modeled Stage at ICM Compartment 611 (solid black line) Compared to Observed Data at CRMS0463-H01 for Calibration Period, 2010-2013.

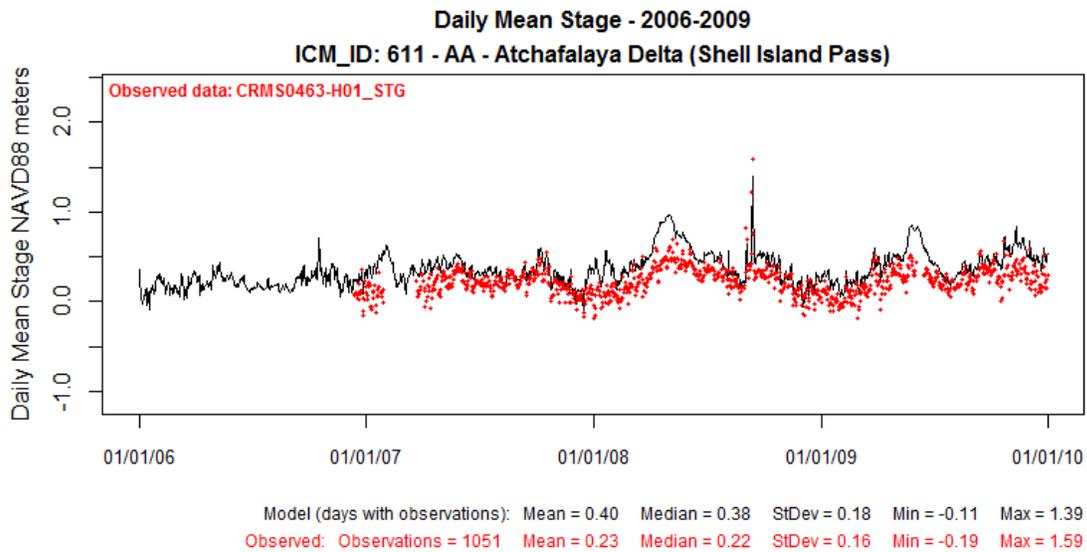


Figure 300: Modeled Stage at ICM Compartment 611 (solid black line) Compared to Observed Data at CRMS0463-H01 for Validation Period, 2006-2009.

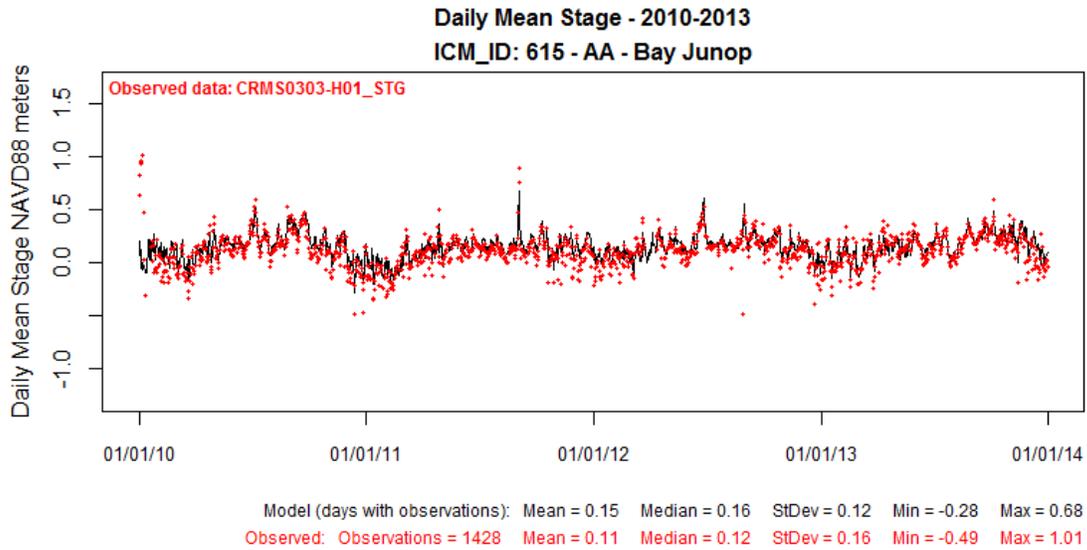


Figure 301: Modeled Stage at ICM Compartment 615 (solid black line) Compared to Observed Data at CRMS0303-H01 for Calibration Period, 2010-2013.

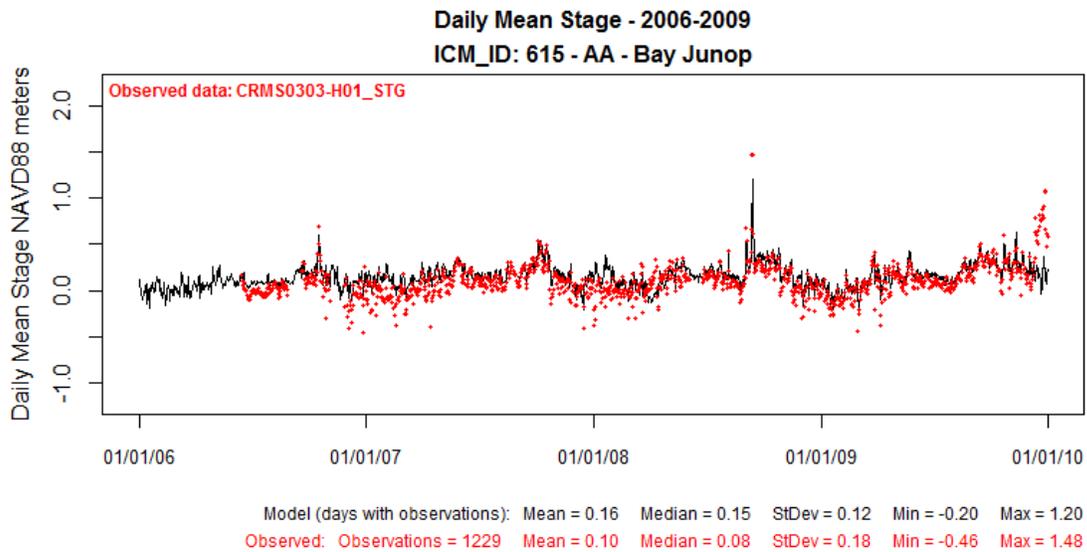


Figure 302: Modeled Stage at ICM Compartment 615 (solid black line) Compared to Observed Data at CRMS0303-H01 for Validation Period, 2006-2009.

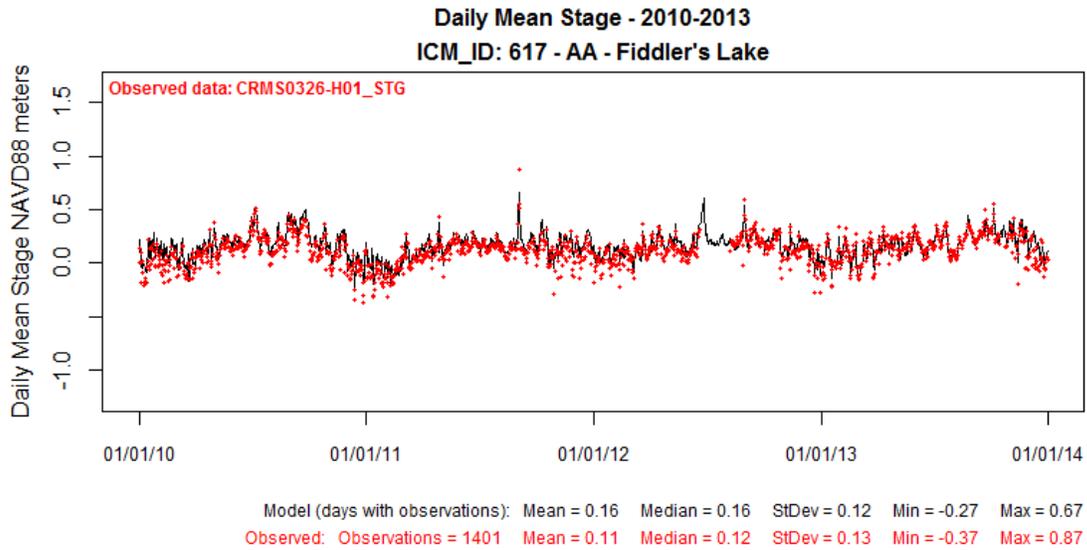


Figure 303: Modeled Stage at ICM Compartment 617 (solid black line) Compared to Observed Data at CRMS0326-H01 for Calibration Period, 2010-2013.

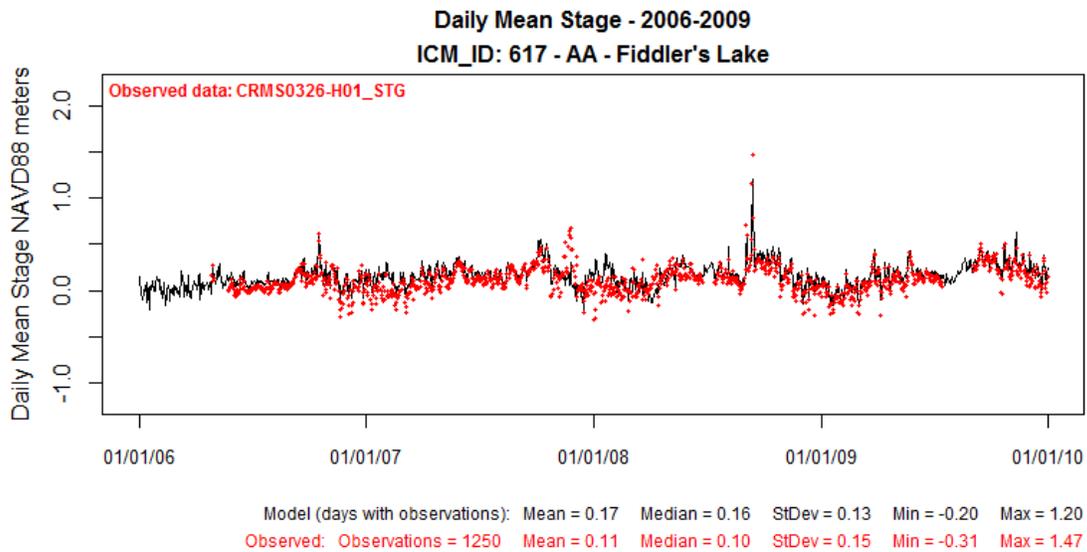


Figure 304: Modeled Stage at ICM Compartment 617 (solid black line) Compared to Observed Data at CRMS0326-H01 for Validation Period, 2006-2009.

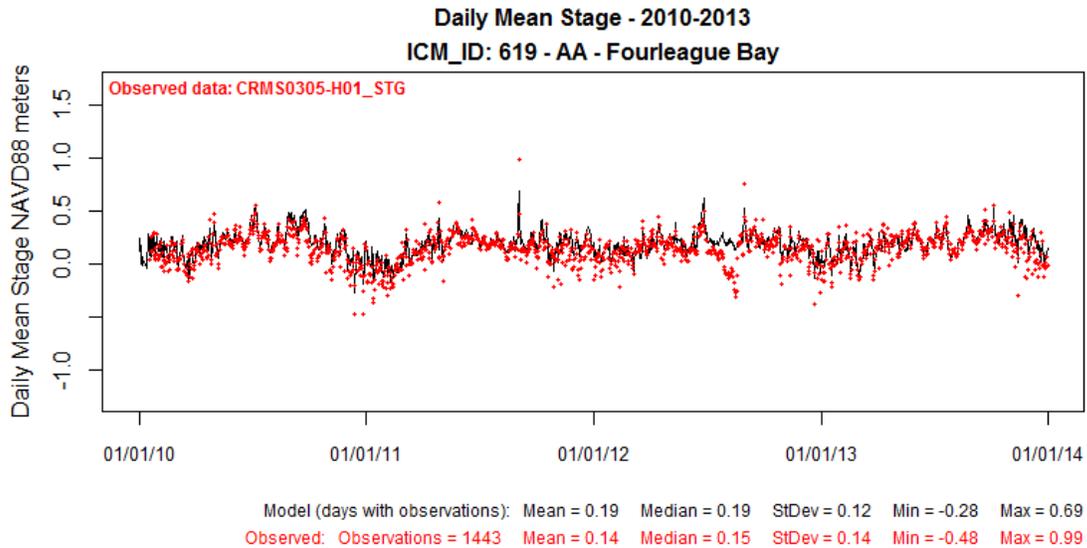


Figure 305: Modeled Stage at ICM Compartment 619 (solid black line) Compared to Observed Data at CRMS0305-H01 for Calibration Period, 2010-2013.

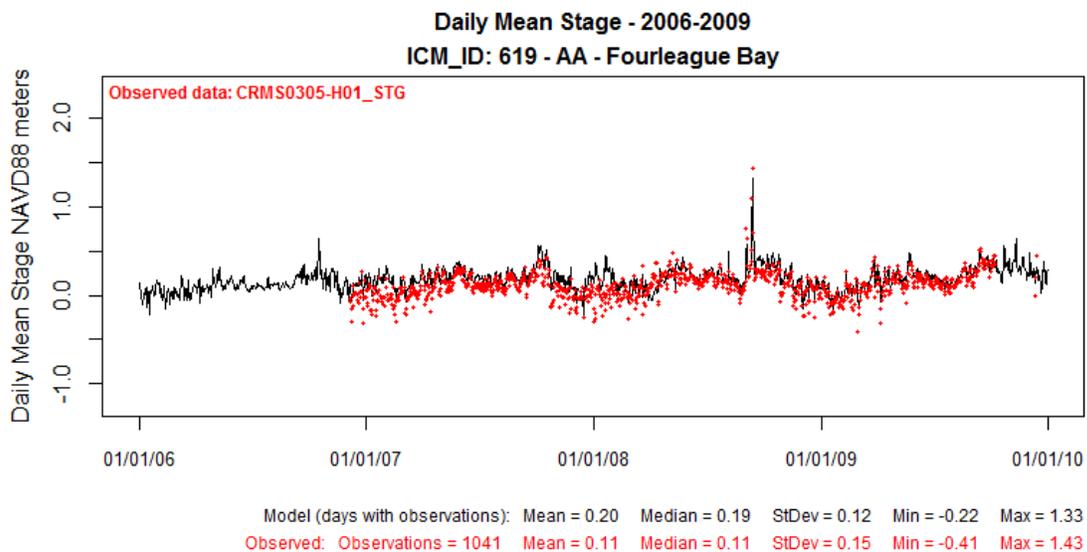


Figure 306: Modeled Stage at ICM Compartment 619 (solid black line) Compared to Observed Data at CRMS0305-H01 for Validation Period, 2006-2009.

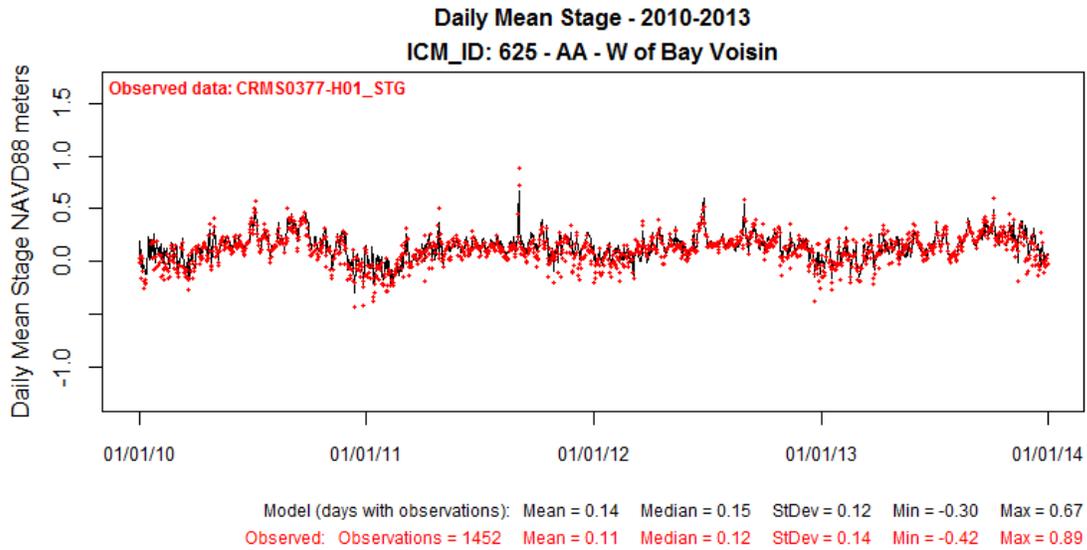


Figure 307: Modeled Stage at ICM Compartment 625 (solid black line) Compared to Observed Data at CRMS0377-H01 for Calibration Period, 2010-2013.

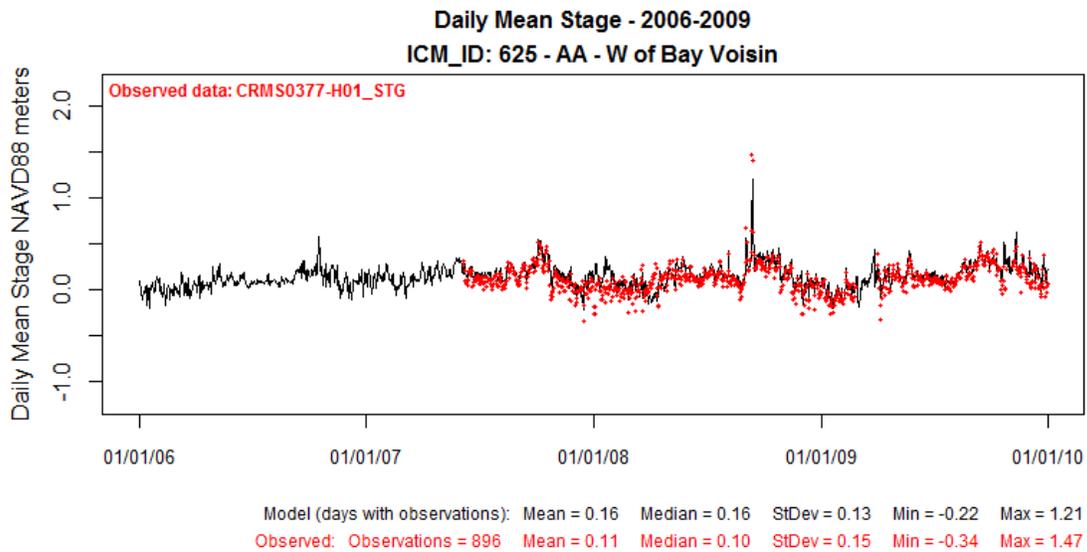


Figure 308: Modeled Stage at ICM Compartment 625 (solid black line) Compared to Observed Data at CRMS0377-H01 for Validation Period, 2006-2009.

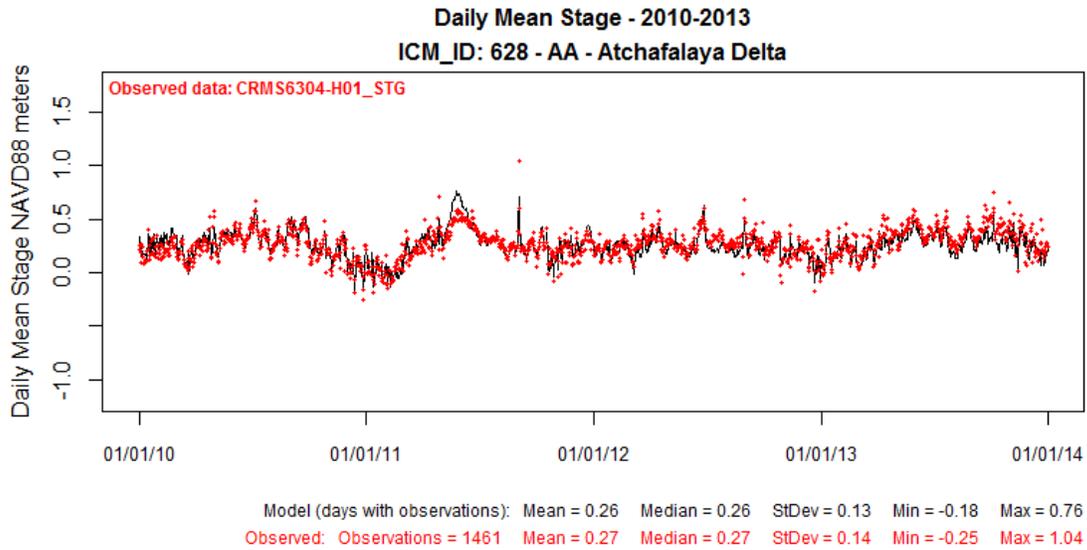


Figure 309: Modeled Stage at ICM Compartment 628 (solid black line) Compared to Observed Data at CRMS6304-H01 for Calibration Period, 2010-2013.

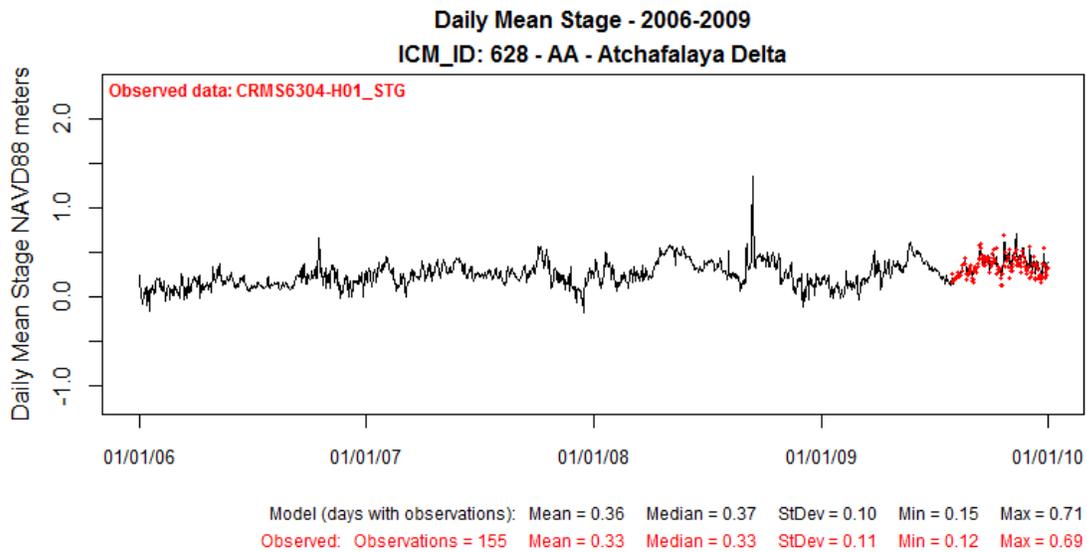


Figure 310: Modeled Stage at ICM Compartment 628 (solid black line) Compared to Observed Data at CRMS6304-H01 for Validation Period, 2006-2009.

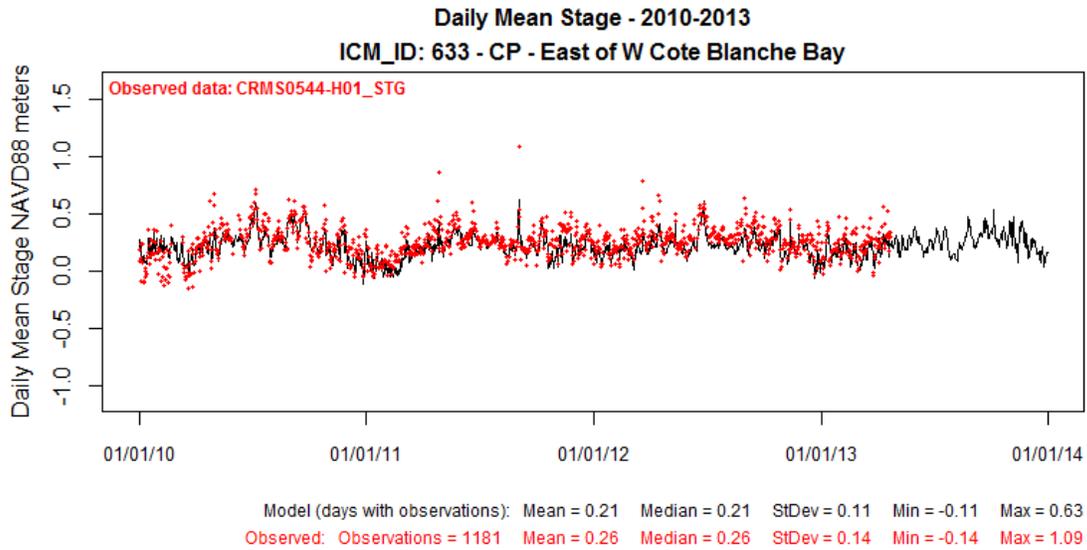


Figure 311: Modeled Stage at ICM Compartment 633 (solid black line) Compared to Observed Data at CRMS0544-H01 for Calibration Period, 2010-2013.

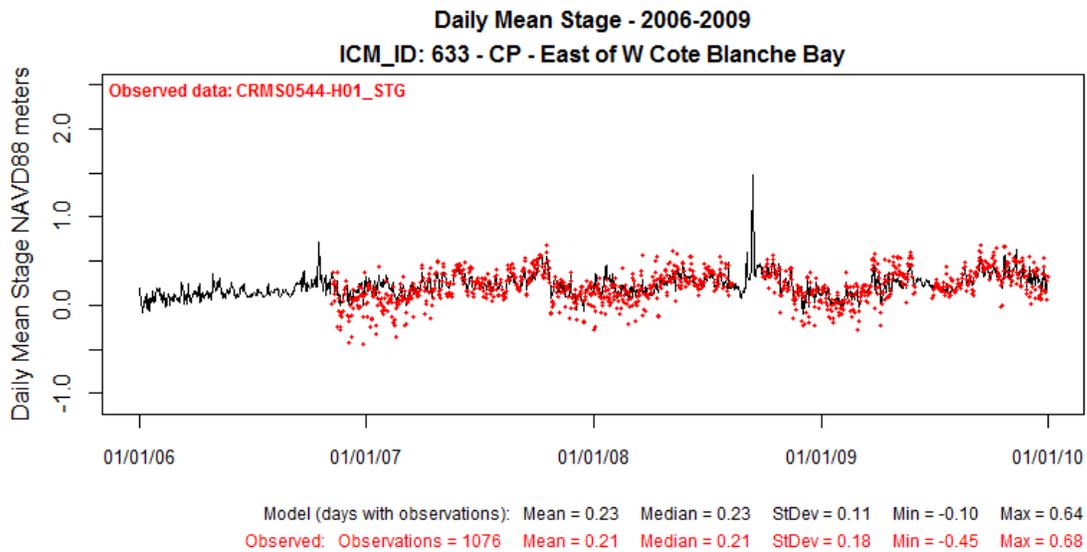


Figure 312: Modeled Stage at ICM Compartment 633 (solid black line) Compared to Observed Data at CRMS0544-H01 for Validation Period, 2006-2009.

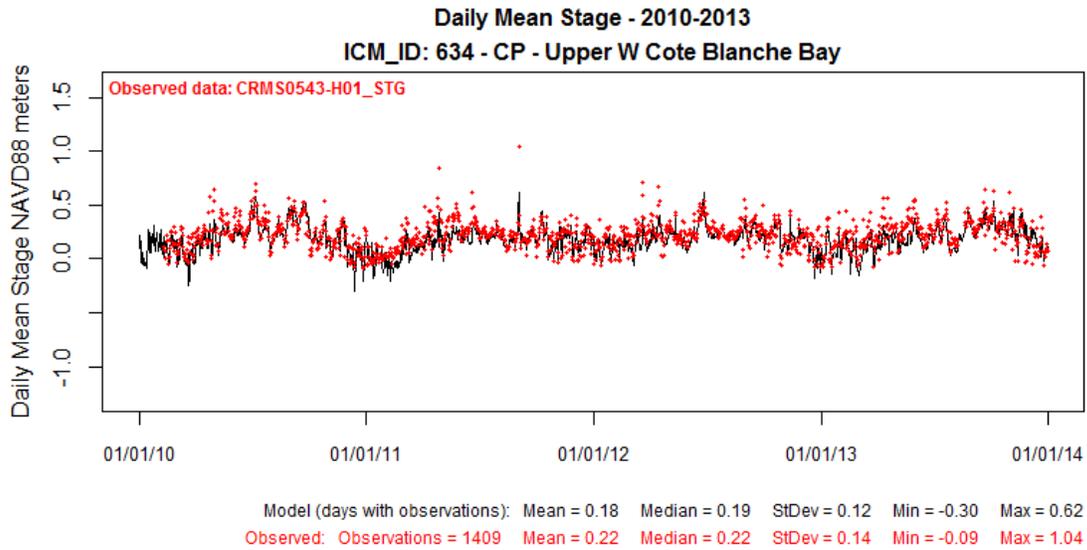


Figure 313: Modeled Stage at ICM Compartment 634 (solid black line) Compared to Observed Data at CRMS0543-H01 for Calibration Period, 2010-2013.

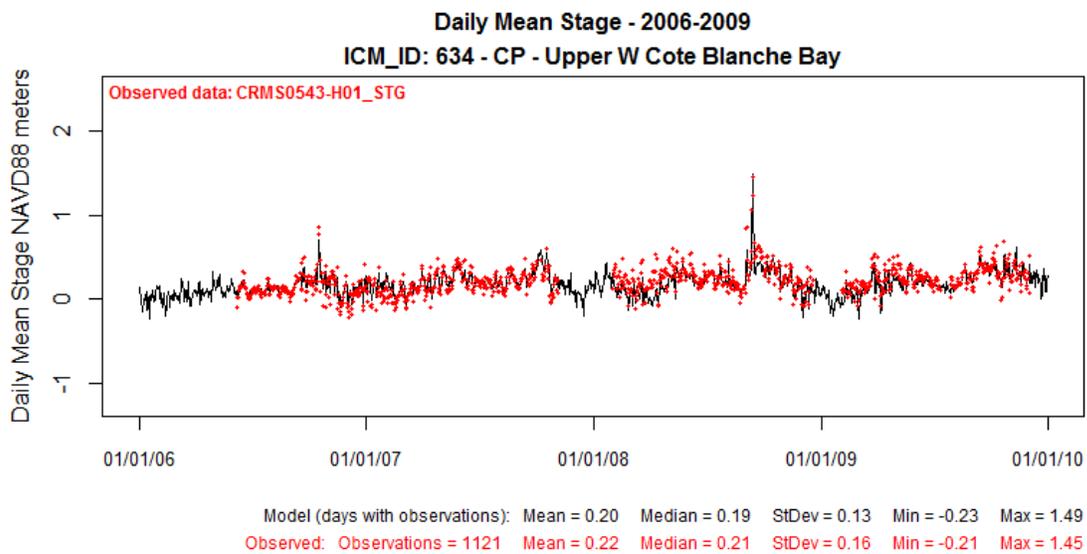


Figure 314: Modeled Stage at ICM Compartment 634 (solid black line) Compared to Observed Data at CRMS0543-H01 for Validation Period, 2006-2009.

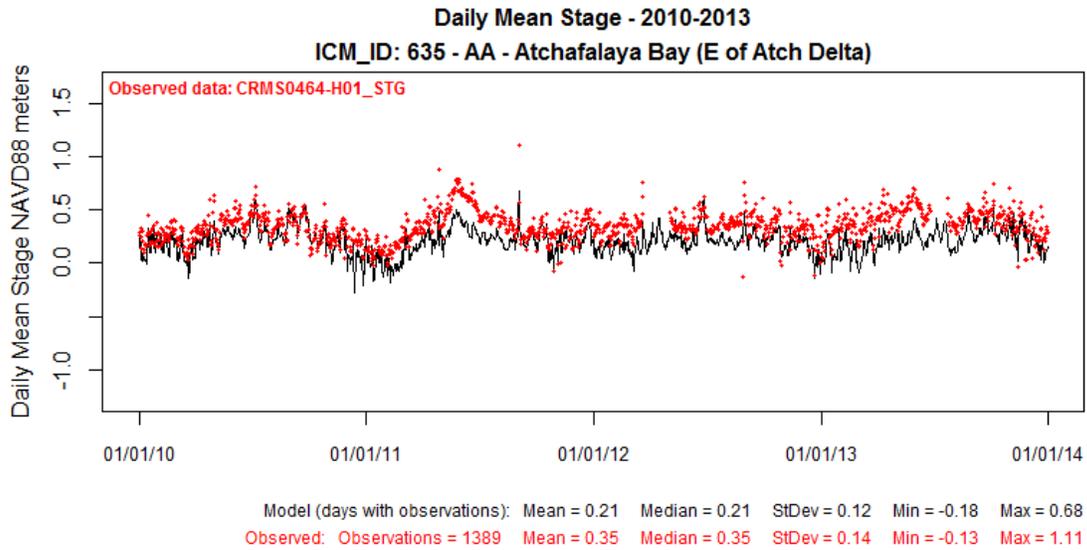


Figure 315: Modeled Stage at ICM Compartment 635 (solid black line) Compared to Observed Data at CRMS0464-H01 for Calibration Period, 2010-2013.

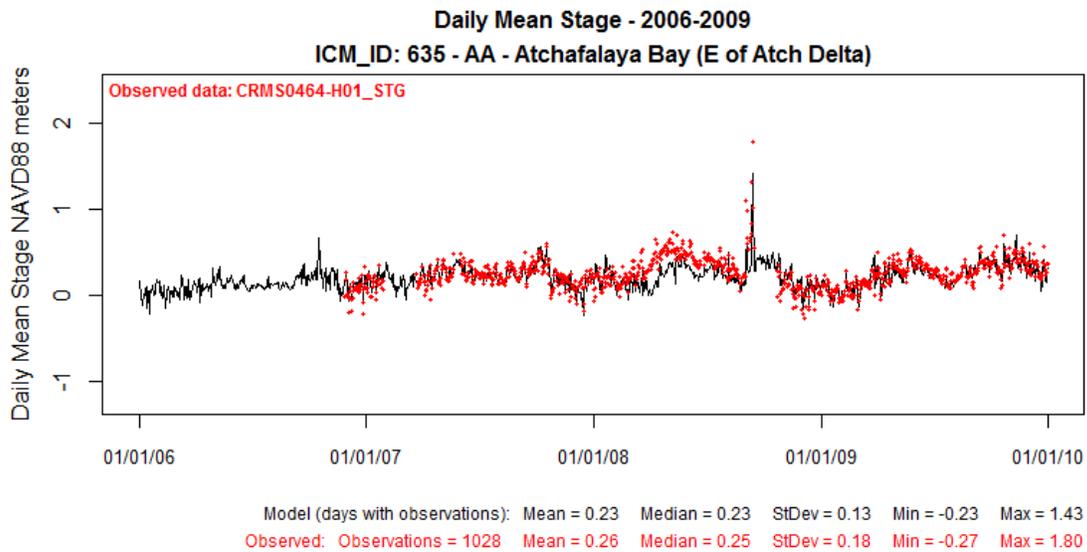


Figure 316: Modeled Stage at ICM Compartment 635 (solid black line) Compared to Observed Data at CRMS0464-H01 for Validation Period, 2006-2009.

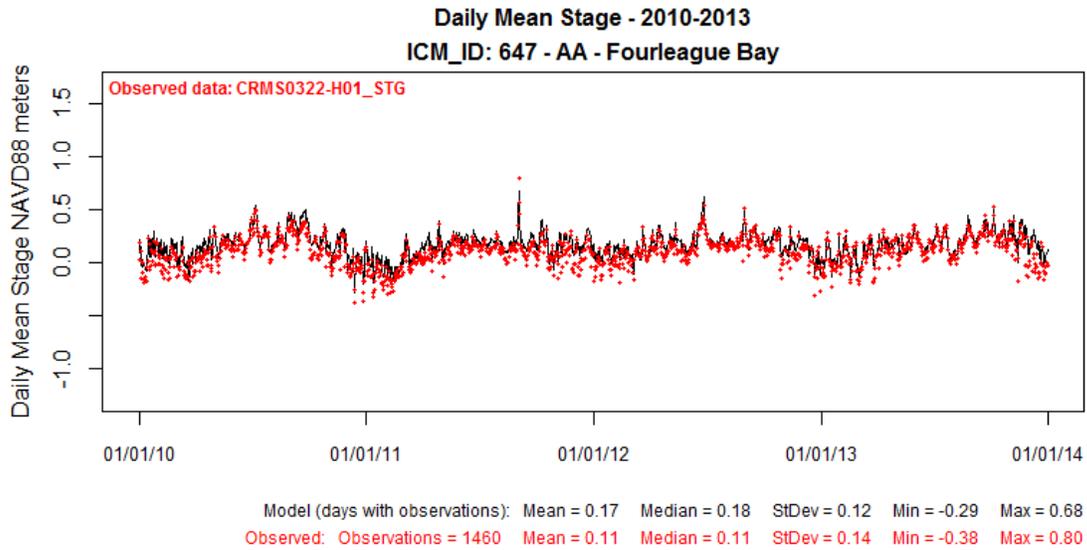


Figure 317: Modeled Stage at ICM Compartment 647 (solid black line) Compared to Observed Data at CRMS0322-H01 for Calibration Period, 2010-2013.

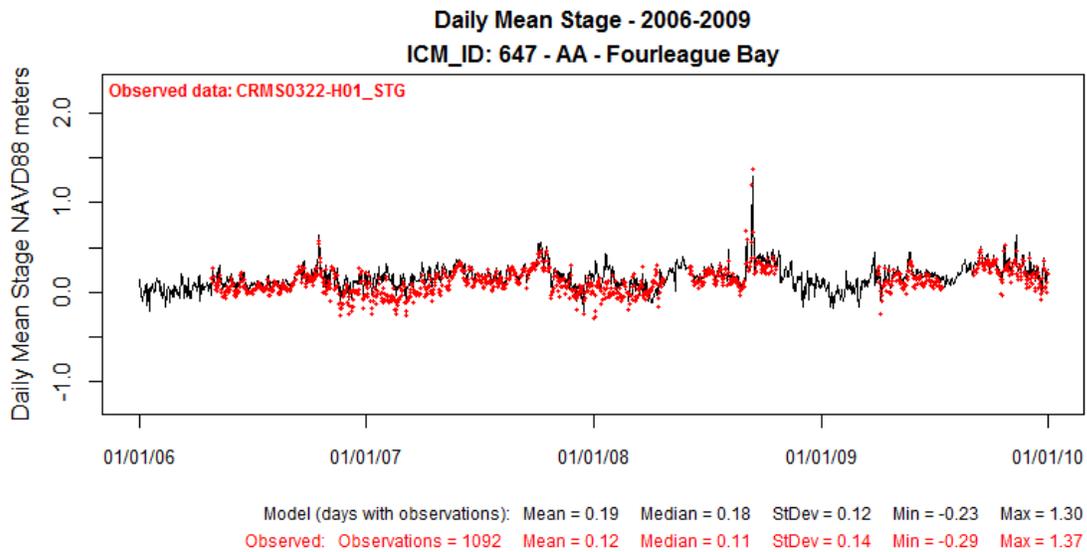


Figure 318: Modeled Stage at ICM Compartment 647 (solid black line) Compared to Observed Data at CRMS0322-H01 for Validation Period, 2006-2009.

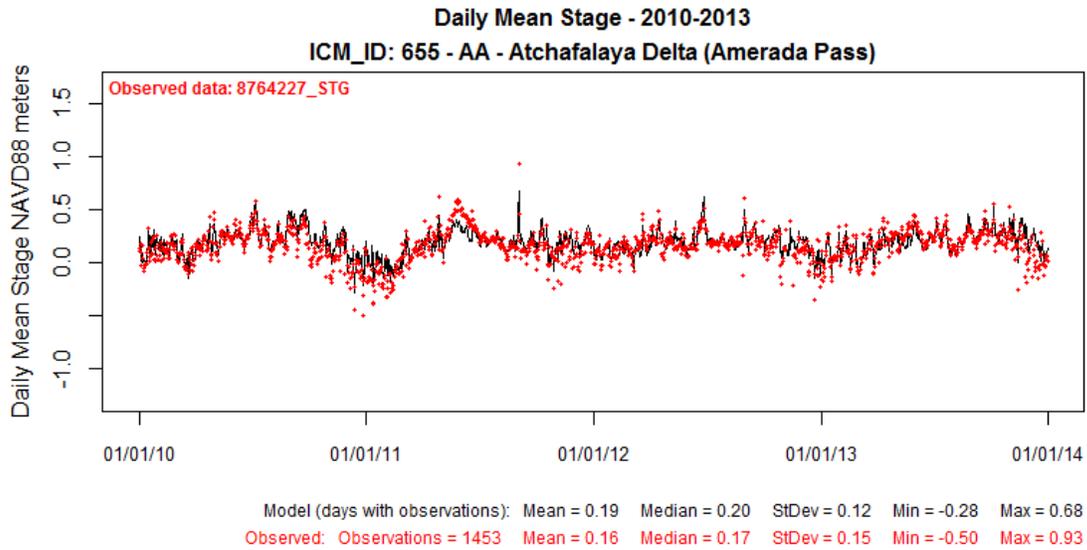


Figure 319: Modeled Stage at ICM Compartment 655 (solid black line) Compared to Observed Data at USGS8764227 for Calibration Period, 2010-2013.

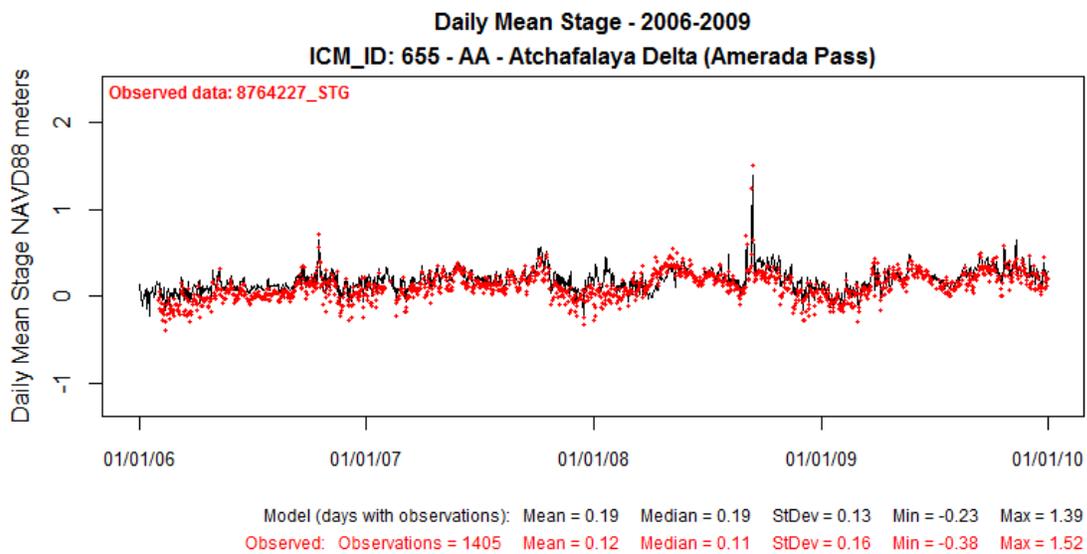


Figure 320: Modeled Stage at ICM Compartment 655 (solid black line) Compared to Observed Data at USGS8764227 for Validation Period, 2006-2009.

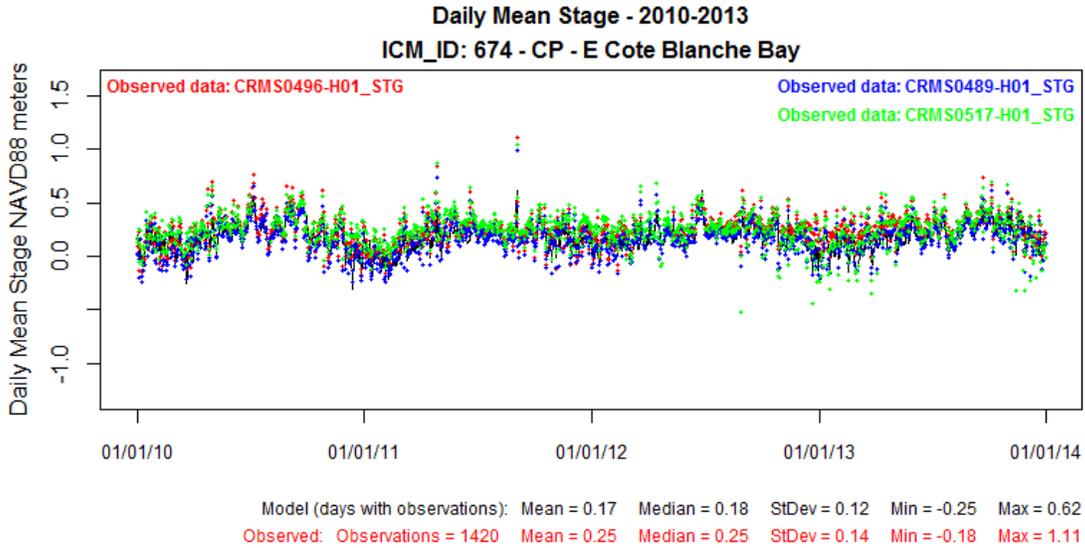


Figure 321: Modeled Stage at ICM Compartment 674 (solid black line) Compared to Observed Data at CRMS0496-H01 for Calibration Period, 2010-2013.

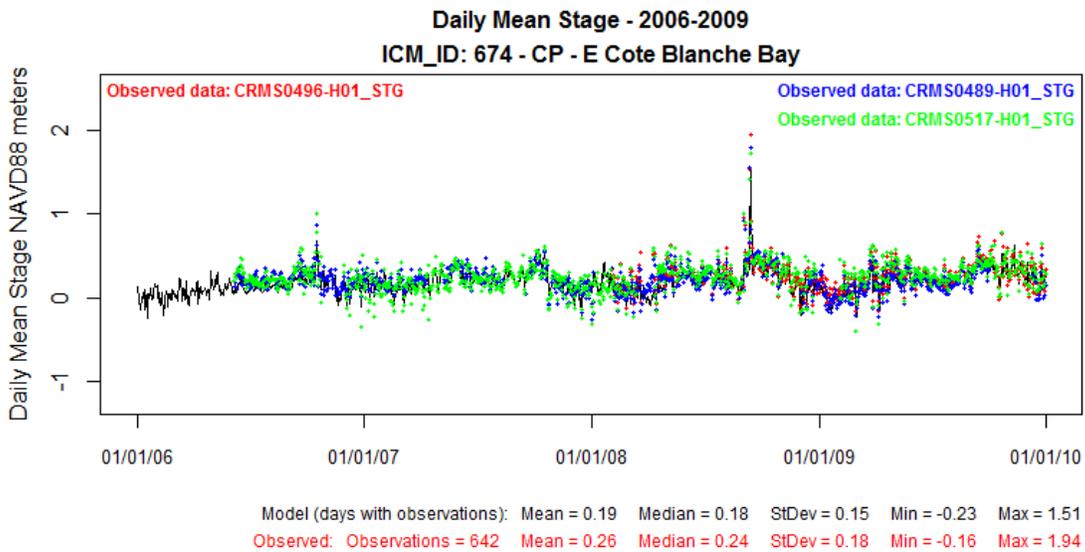


Figure 322: Modeled Stage at ICM Compartment 674 (solid black line) Compared to Observed Data at CRMS0496-H01 for Validation Period, 2006-2009.

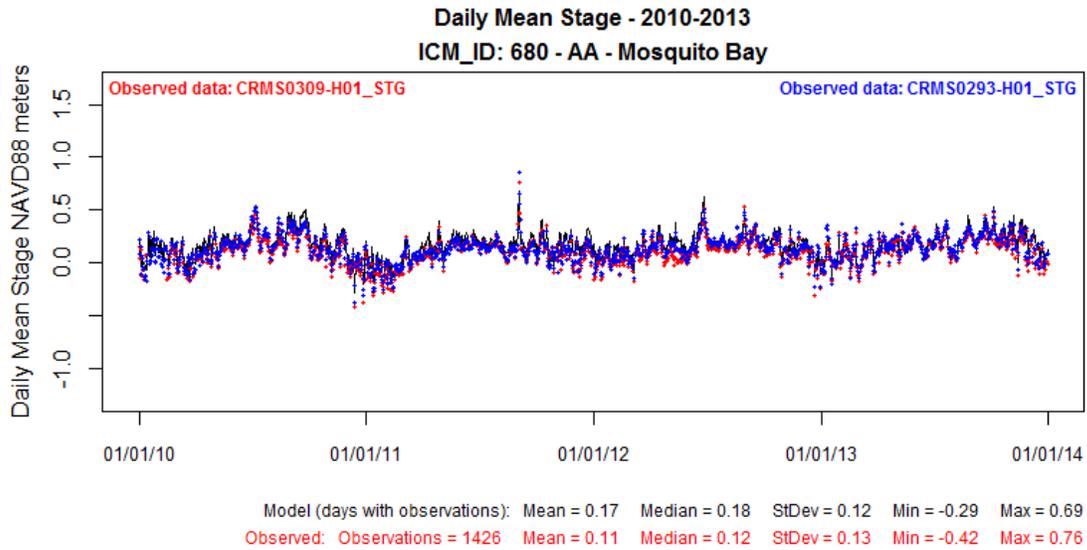


Figure 323: Modeled Stage at ICM Compartment 680 (solid black line) Compared to Observed Data at CRMS0309-H01 for Calibration Period, 2010-2013.

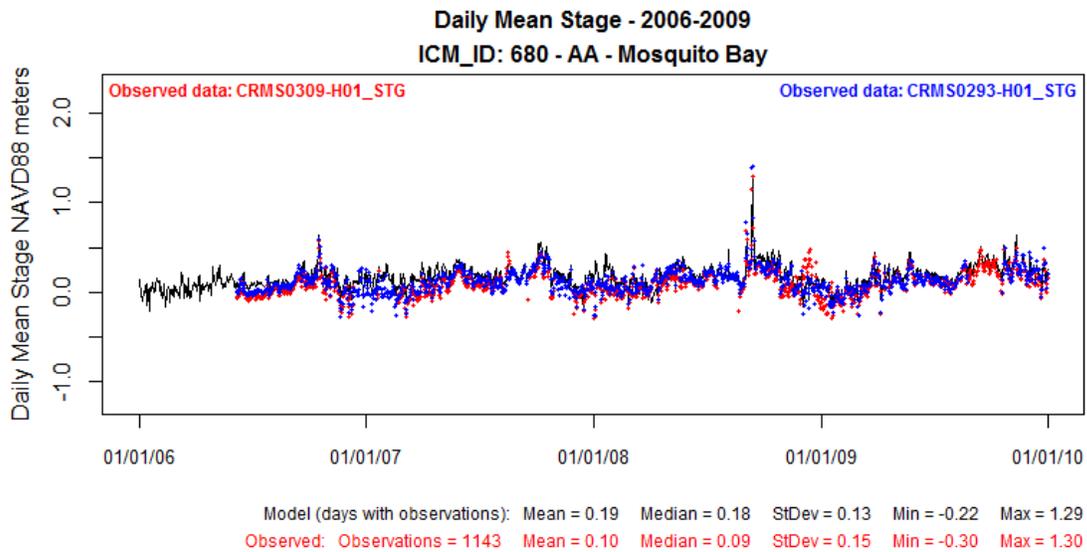


Figure 324: Modeled Stage at ICM Compartment 680 (solid black line) Compared to Observed Data at CRMS0309-H01 for Validation Period, 2006-2009.

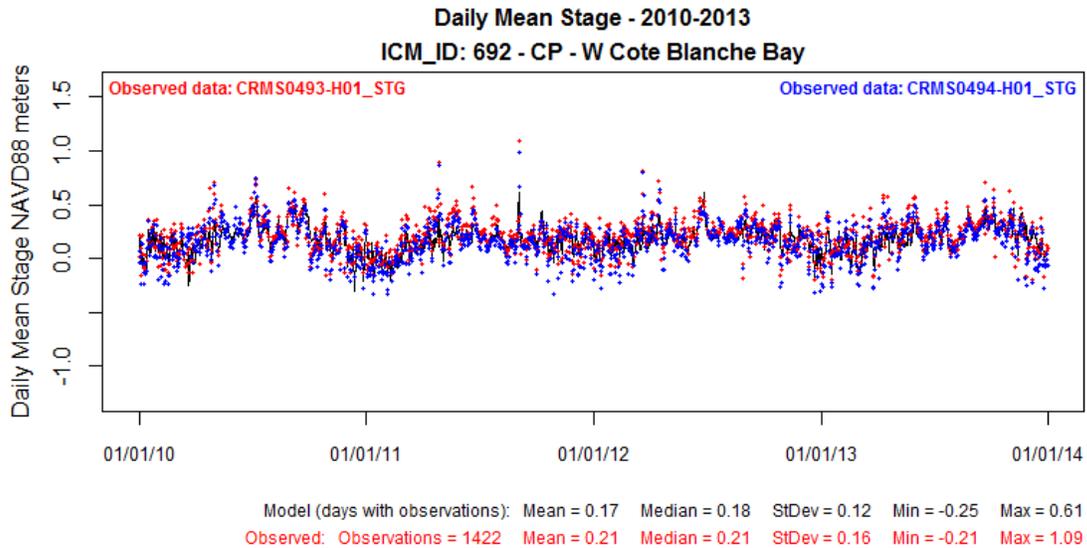


Figure 325: Modeled Stage at ICM Compartment 692 (solid black line) Compared to Observed Data at CRMS0493-H01 for Calibration Period, 2010-2013.

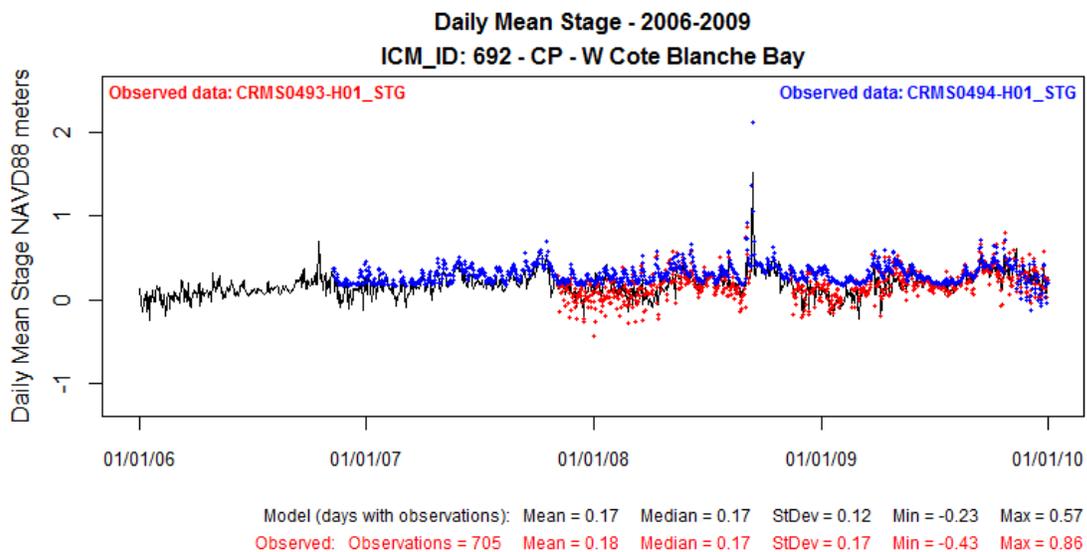


Figure 326: Modeled Stage at ICM Compartment 692 (solid black line) Compared to Observed Data at CRMS0493-H01 for Validation Period, 2006-2009.

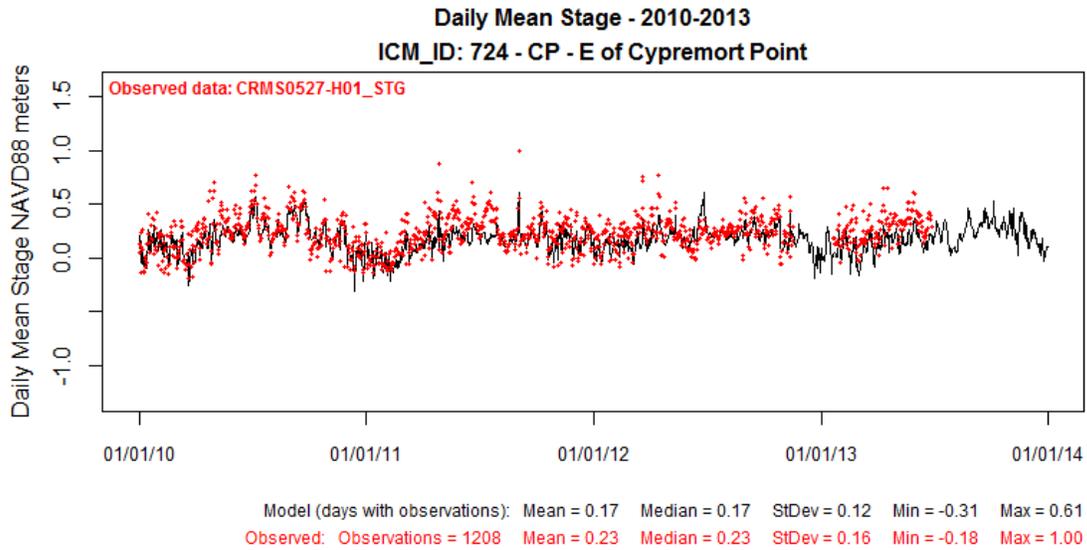


Figure 327: Modeled Stage at ICM Compartment 724 (solid black line) Compared to Observed Data at CRMS0527-H01 for Calibration Period, 2010-2013.

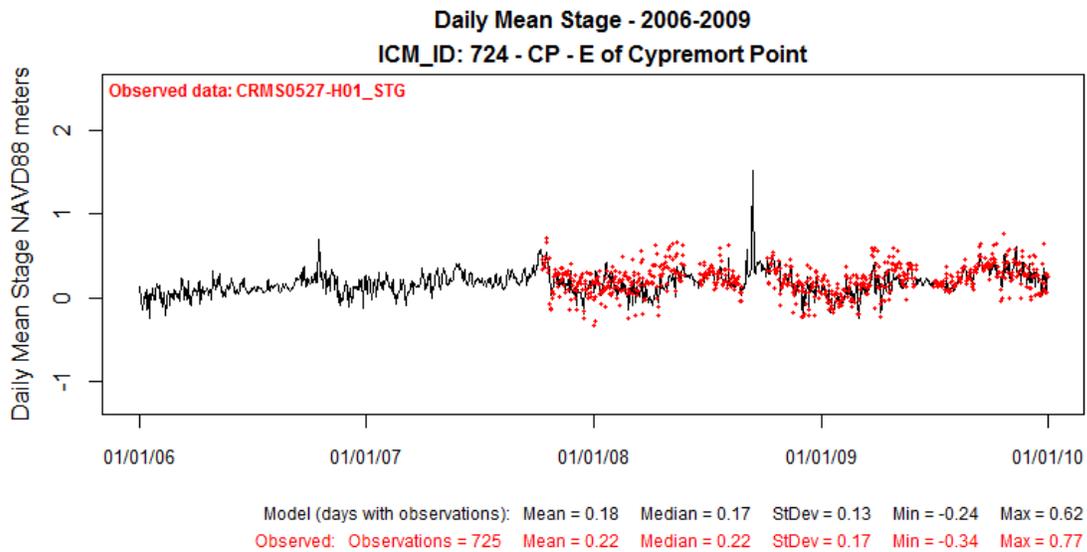


Figure 328: Modeled Stage at ICM Compartment 724 (solid black line) Compared to Observed Data at CRMS0527-H01 for Validation Period, 2006-2009.

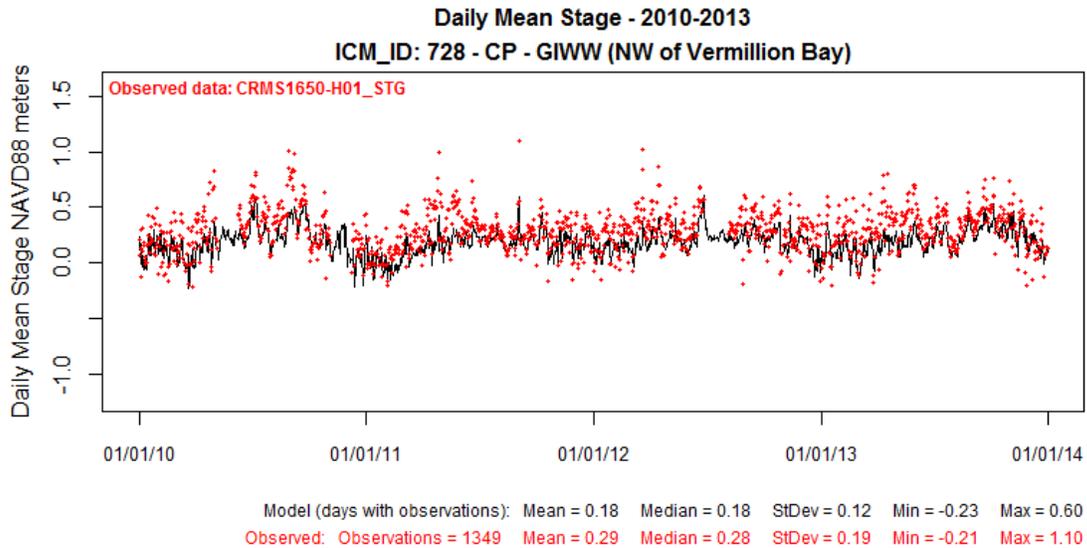


Figure 329: Modeled Stage at ICM Compartment 728 (solid black line) Compared to Observed Data at CRMS1650-H01 for Calibration Period, 2010-2013.

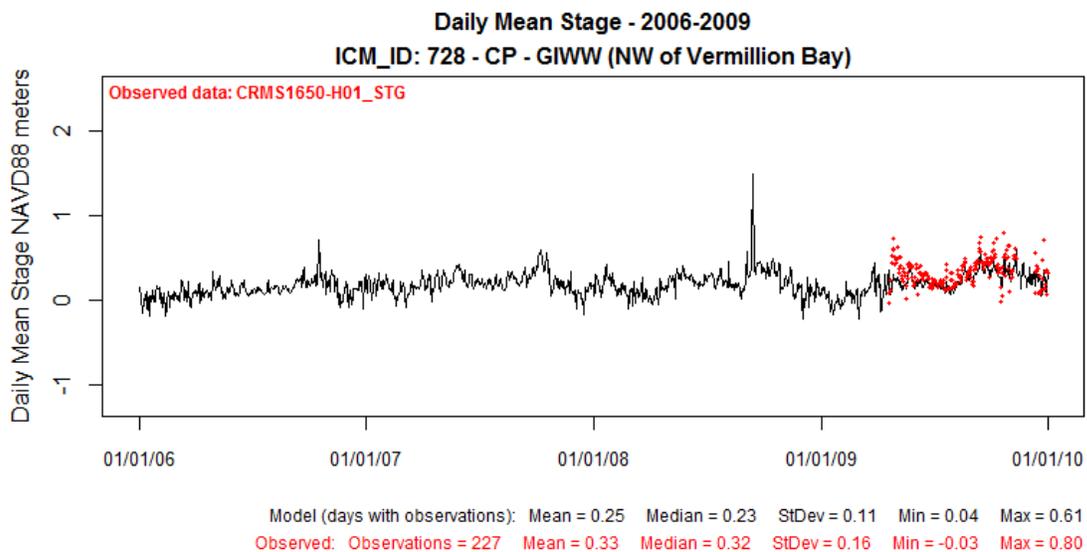


Figure 330: Modeled Stage at ICM Compartment 728 (solid black line) Compared to Observed Data at CRMS1650-H01 for Validation Period, 2006-2009.

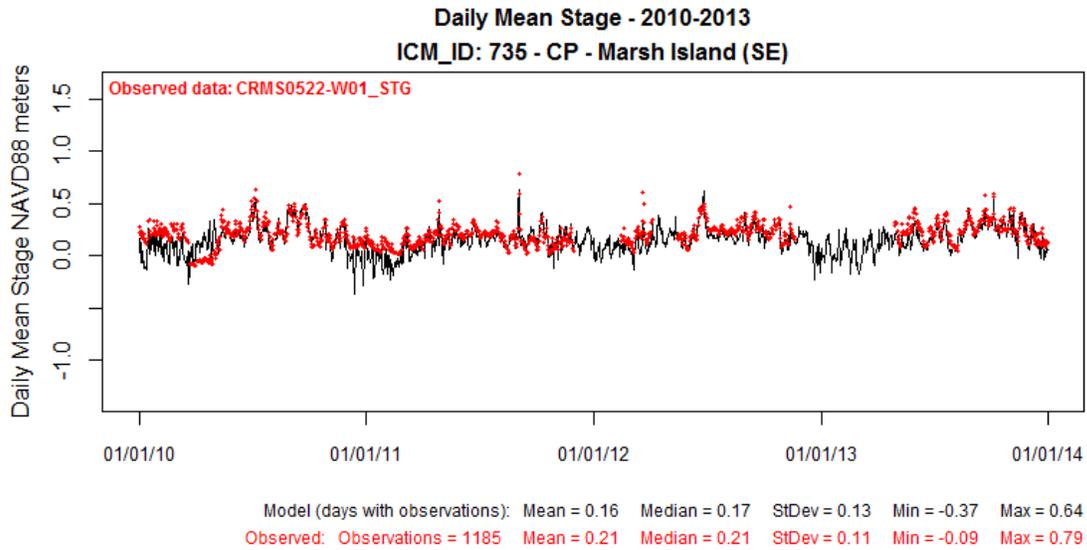


Figure 331: Modeled Stage at ICM Compartment 735 (solid black line) Compared to Observed Data at CRMS0522-W01 for Calibration Period, 2010-2013.

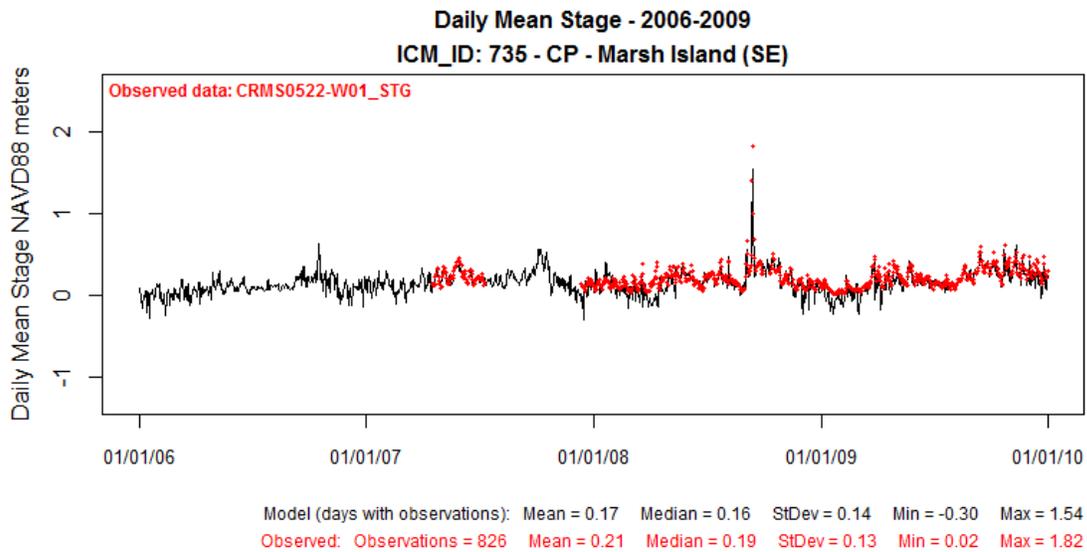


Figure 332: Modeled Stage at ICM Compartment 735 (solid black line) Compared to Observed Data at CRMS0522-W01 for Validation Period, 2006-2009.

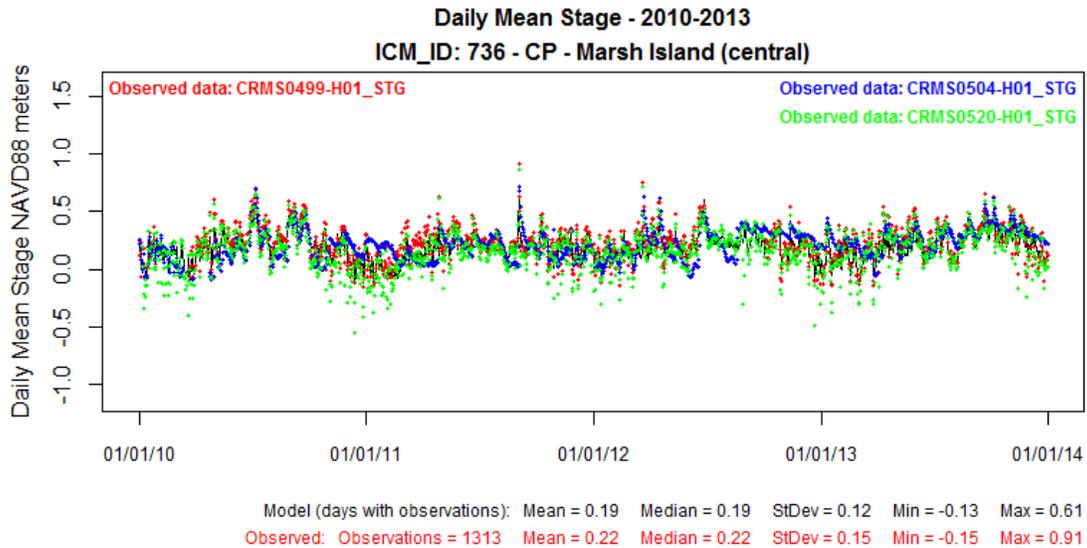


Figure 333: Modeled Stage at ICM Compartment 736 (solid black line) Compared to Observed Data at CRMS0499-H01 for Calibration Period, 2010-2013.

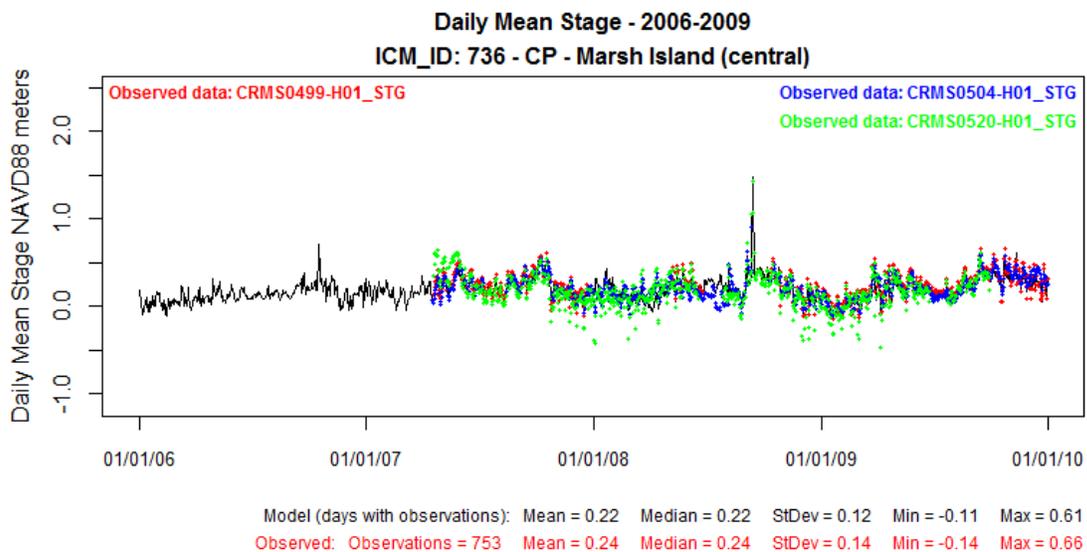


Figure 334: Modeled Stage at ICM Compartment 736 (solid black line) Compared to Observed Data at CRMS0499-H01 for Validation Period, 2006-2009.

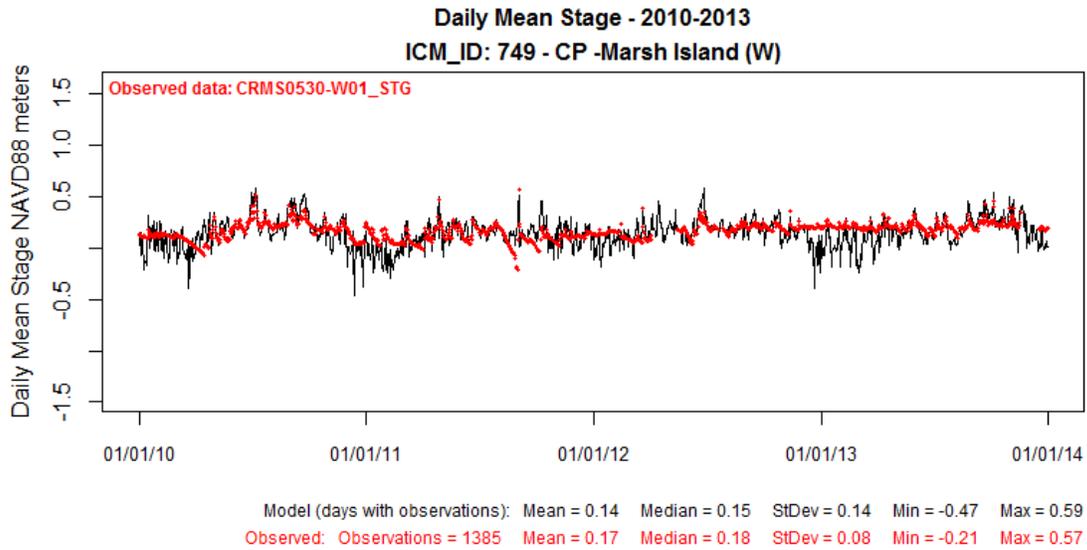


Figure 335: Modeled Stage at ICM Compartment 749 (solid black line) Compared to Observed Data at CRMS0530-W01 for Calibration Period, 2010-2013.

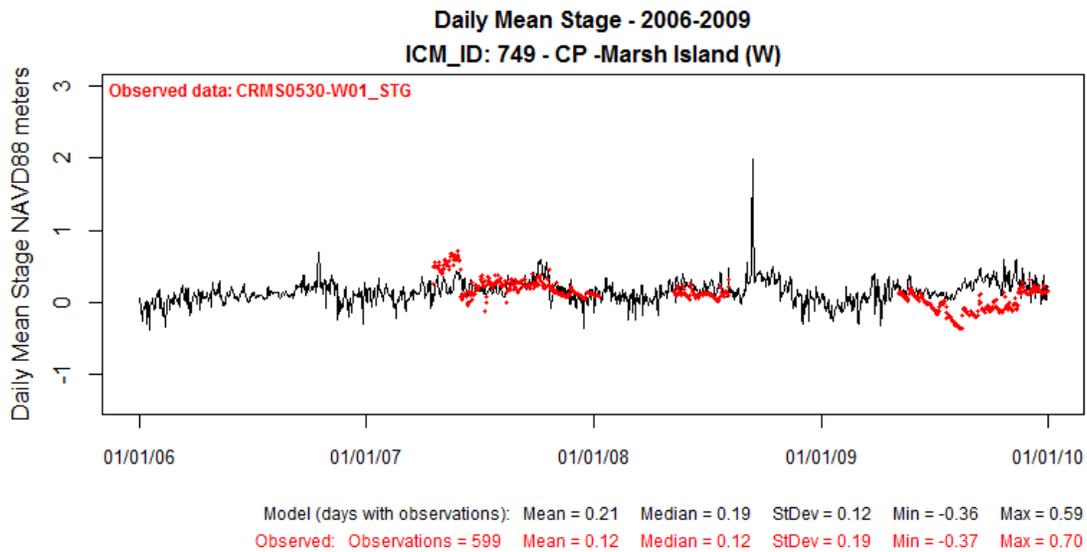


Figure 336: Modeled Stage at ICM Compartment 749 (solid black line) Compared to Observed Data at CRMS0530-W01 for Validation Period, 2006-2009.

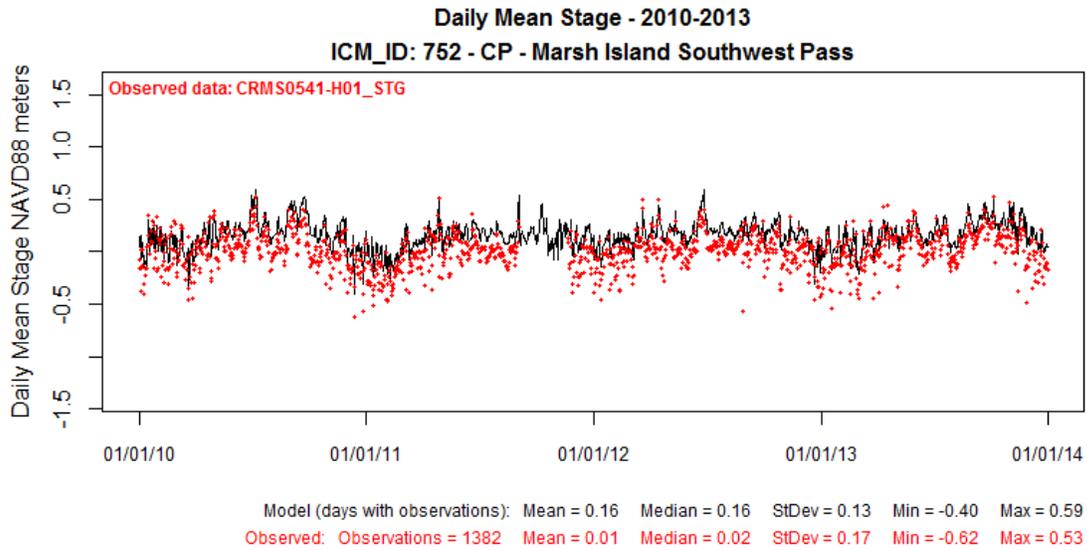


Figure 337: Modeled Stage at ICM Compartment 752 (solid black line) Compared to Observed Data at CRMS0541-H01 for Calibration Period, 2010-2013.

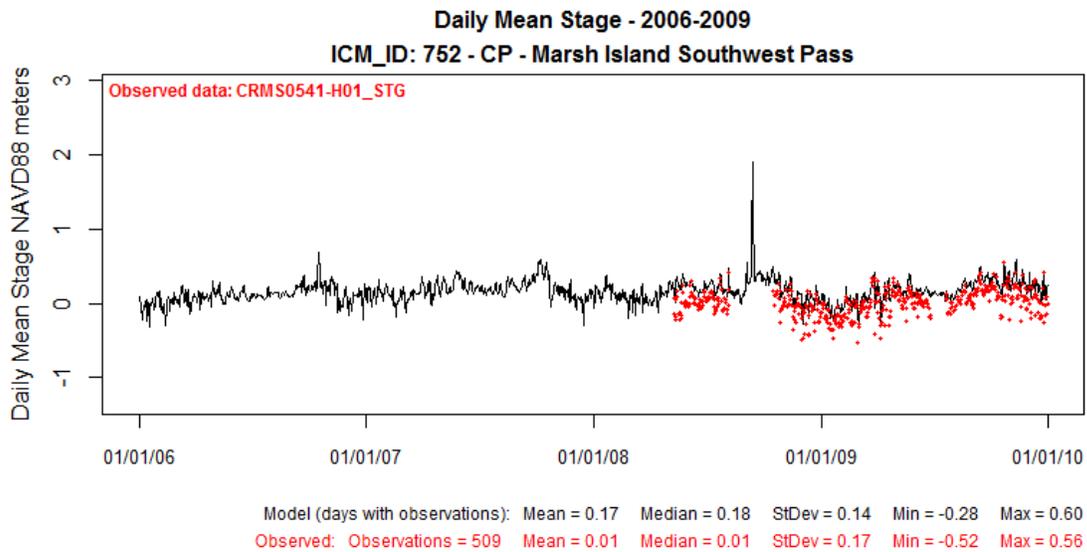


Figure 338: Modeled Stage at ICM Compartment 752 (solid black line) Compared to Observed Data at CRMS0541-H01 for Validation Period, 2006-2009.

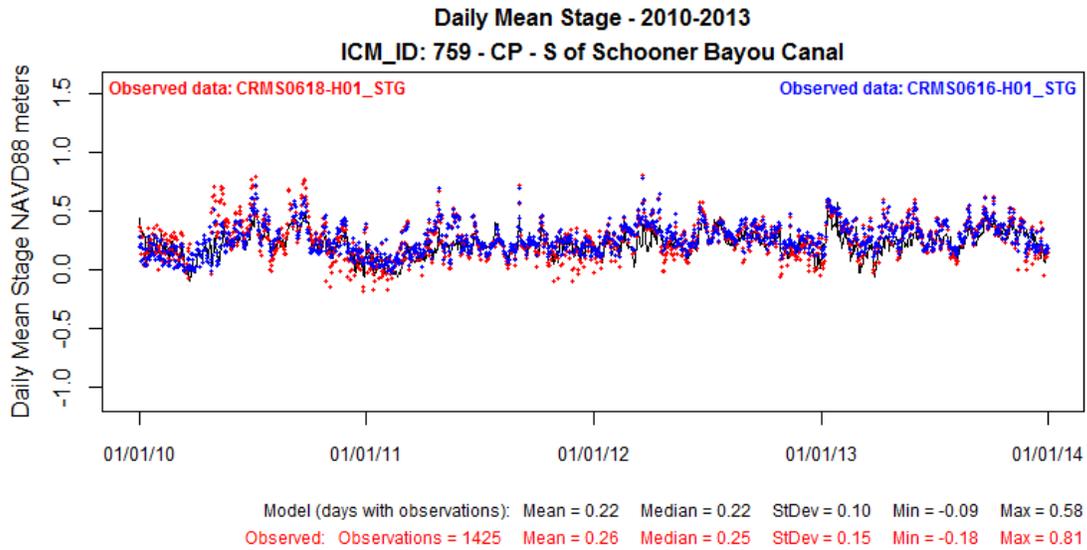


Figure 339: Modeled Stage at ICM Compartment 759 (solid black line) Compared to Observed Data at CRMS0618-H01 for Calibration Period, 2010-2013.

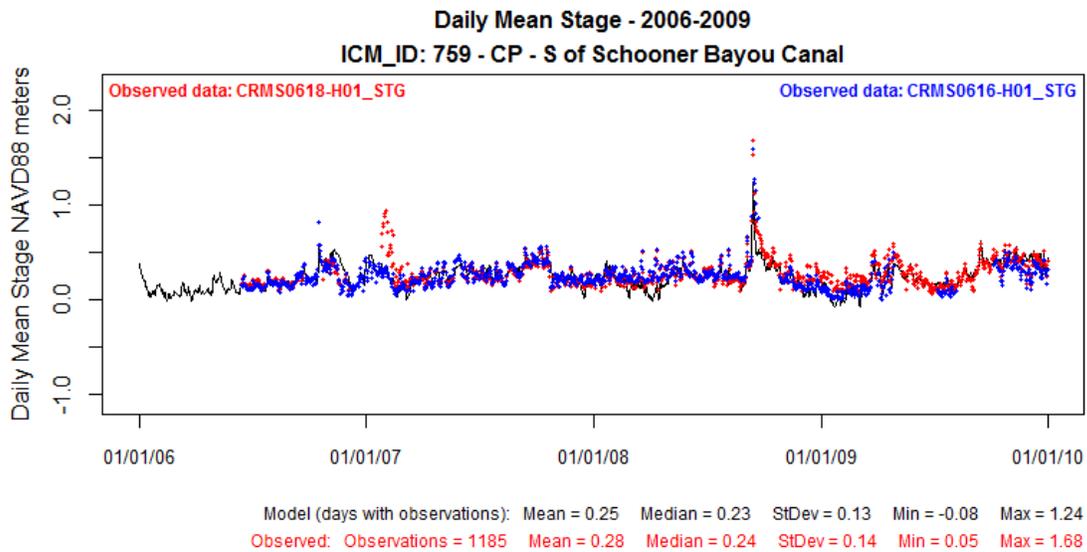


Figure 340: Modeled Stage at ICM Compartment 759 (solid black line) Compared to Observed Data at CRMS0618-H01 for Validation Period, 2006-2009.

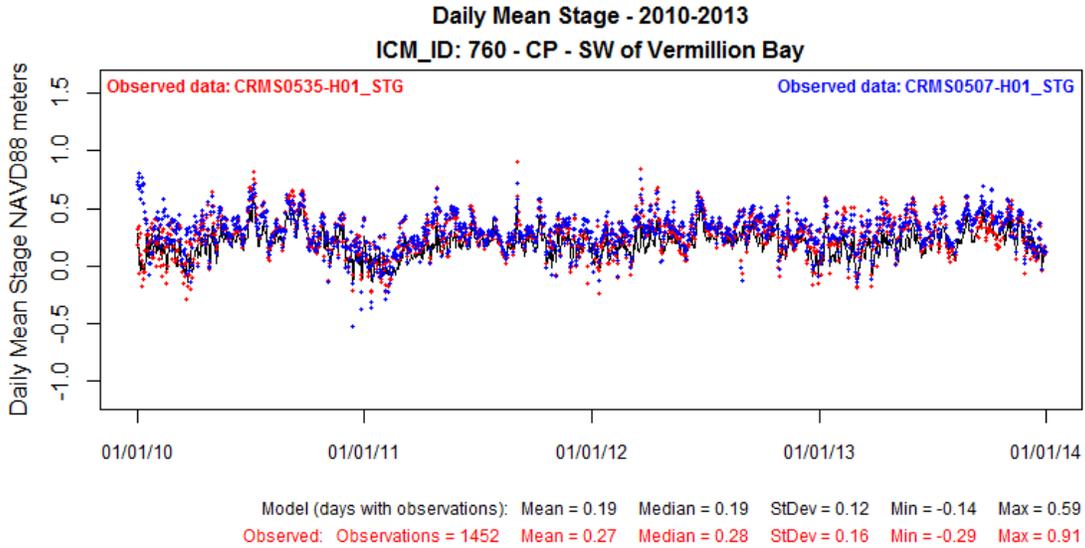


Figure 341: Modeled Stage at ICM Compartment 760 (solid black line) Compared to Observed Data at CRMS0535-H01 for Calibration Period, 2010-2013.

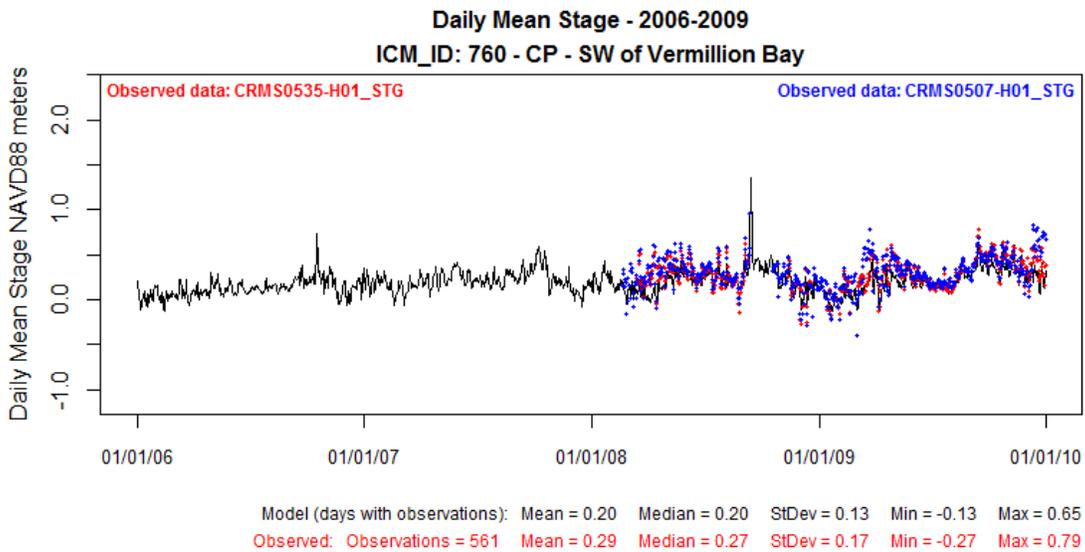


Figure 342: Modeled Stage at ICM Compartment 760 (solid black line) Compared to Observed Data at CRMS0535-H01 for Validation Period, 2006-2009.

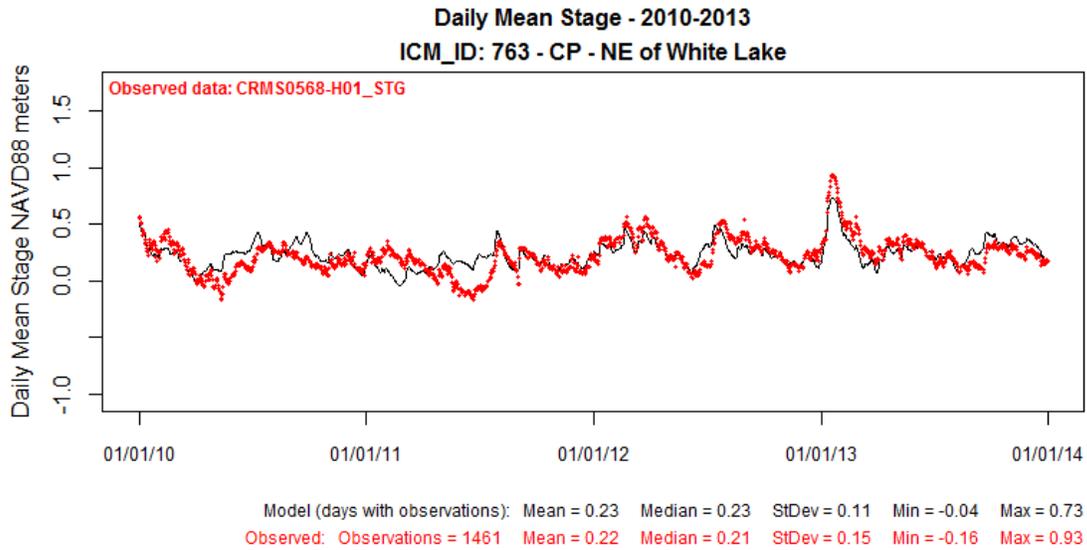


Figure 343: Modeled Stage at ICM Compartment 763 (solid black line) Compared to Observed Data at CRMS0568-H01 for Calibration Period, 2010-2013.

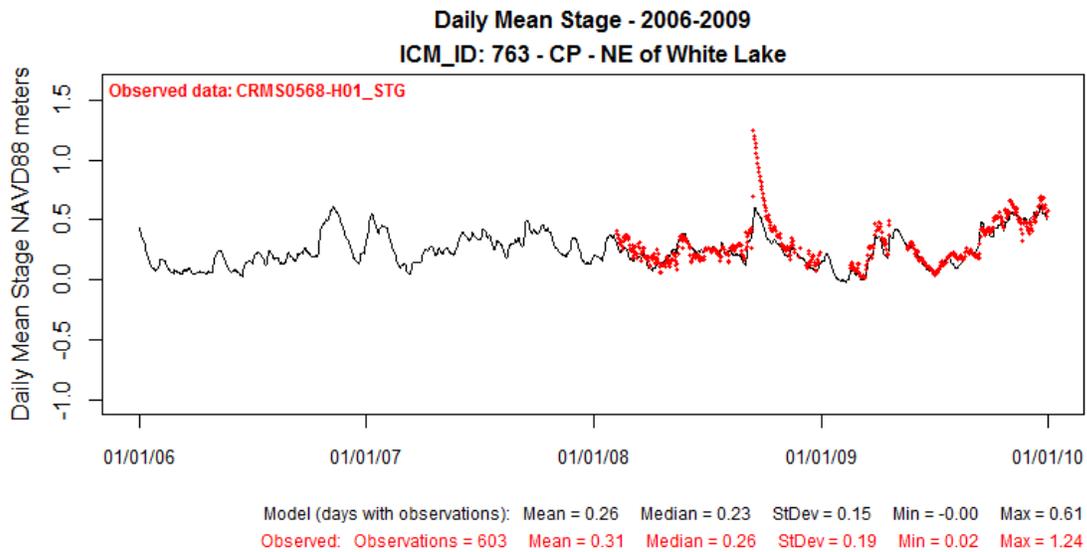


Figure 344: Modeled Stage at ICM Compartment 763 (solid black line) Compared to Observed Data at CRMS0568-H01 for Validation Period, 2006-2009.

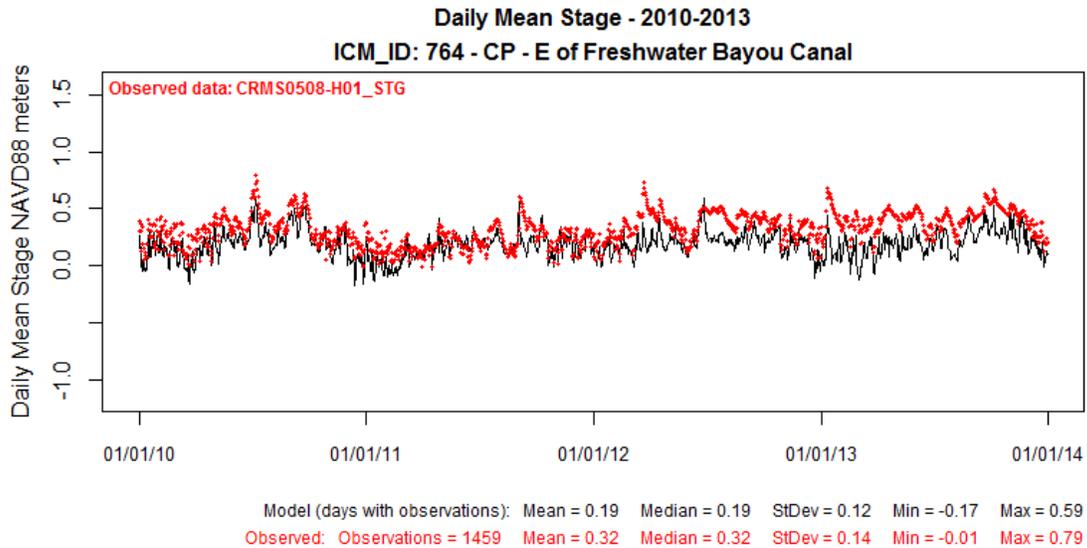


Figure 345: Modeled Stage at ICM Compartment 764 (solid black line) Compared to Observed Data at CRMS0508-H01 for Calibration Period, 2010-2013.

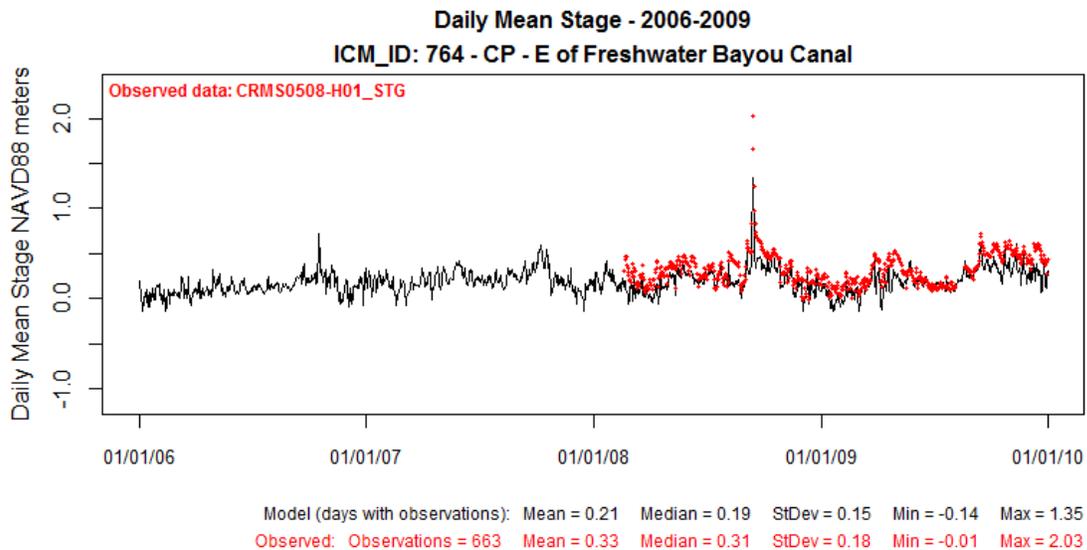


Figure 346: Modeled Stage at ICM Compartment 764 (solid black line) Compared to Observed Data at CRMS0508-H01 for Validation Period, 2006-2009.

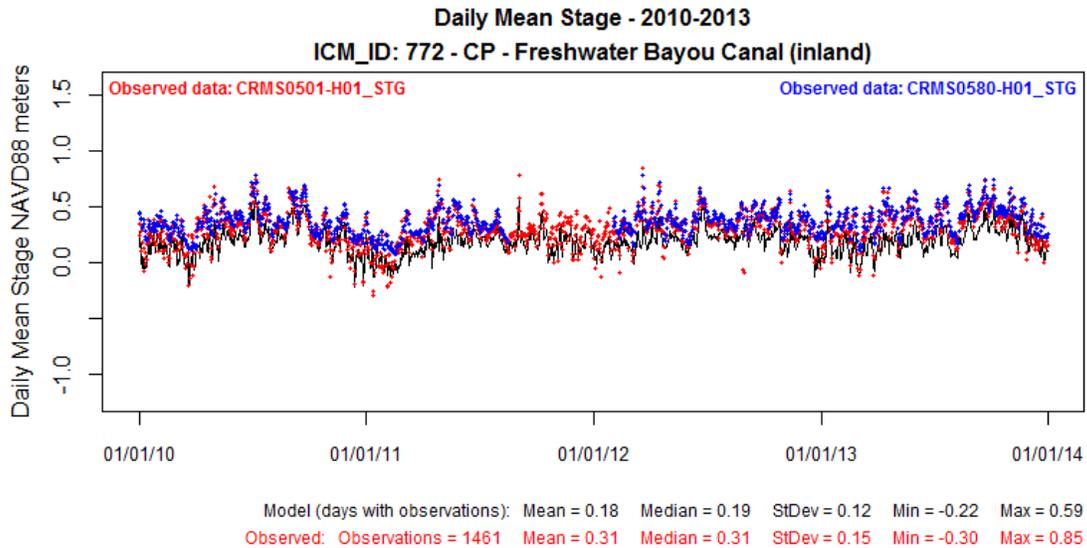


Figure 347: Modeled Stage at ICM Compartment 772 (solid black line) Compared to Observed Data at CRMS0501-H01 for Calibration Period, 2010-2013.

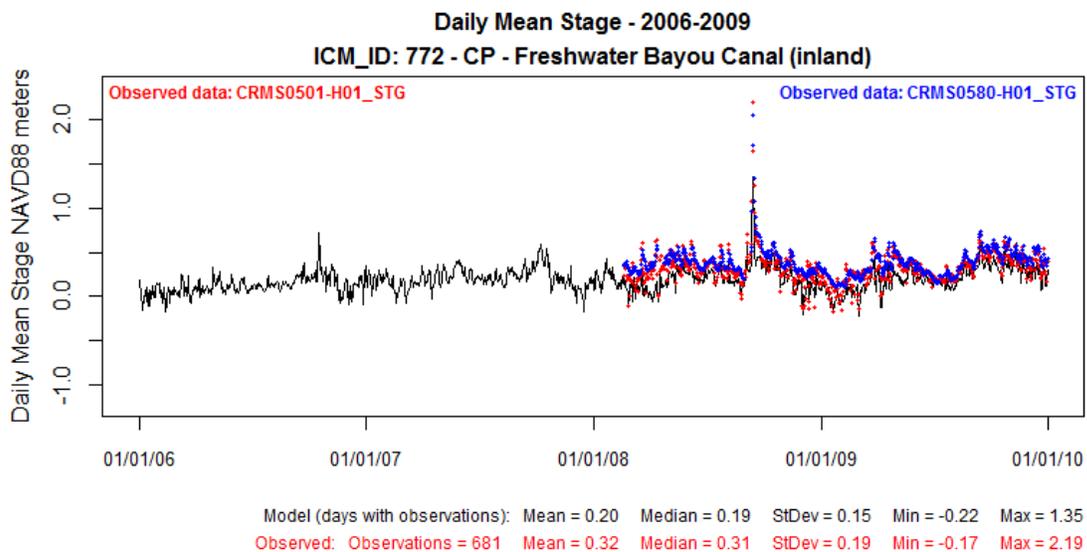


Figure 348: Modeled Stage at ICM Compartment 772 (solid black line) Compared to Observed Data at CRMS0501-H01 for Validation Period, 2006-2009.

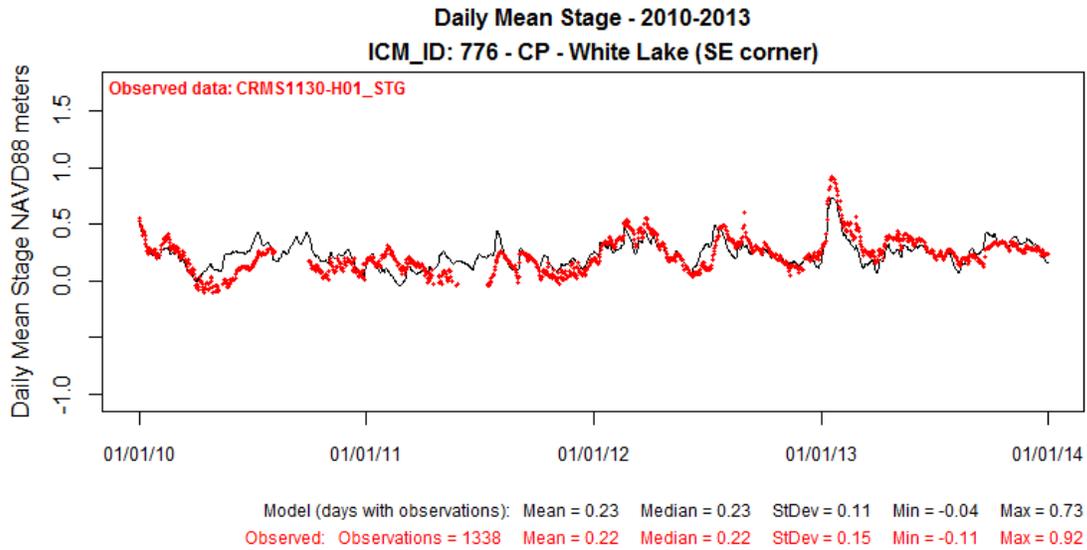


Figure 349: Modeled Stage at ICM Compartment 776 (solid black line) Compared to Observed Data at CRMS1130-H01 for Calibration Period, 2010-2013.

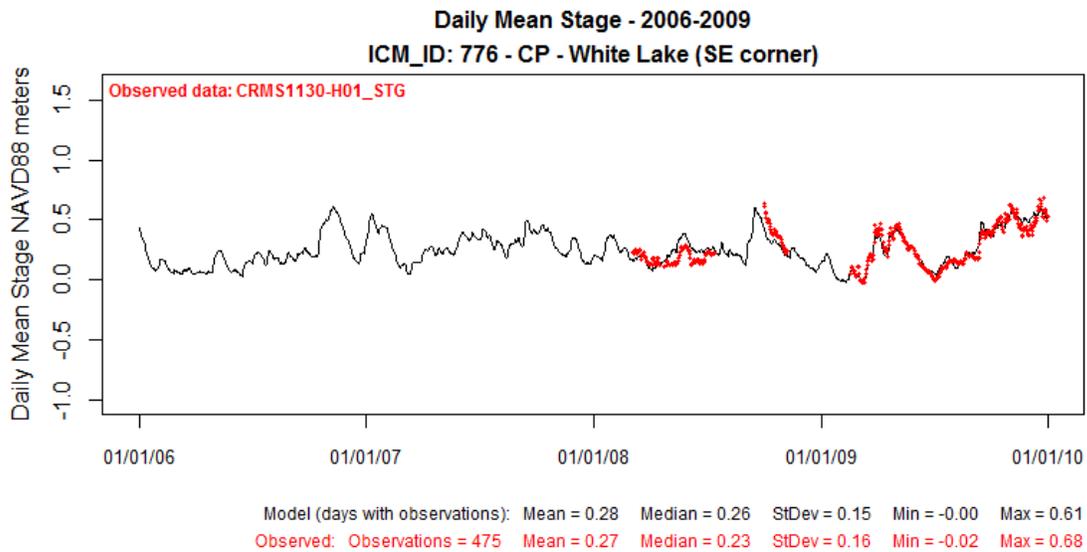


Figure 350: Modeled Stage at ICM Compartment 776 (solid black line) Compared to Observed Data at CRMS1130-H01 for Validation Period, 2006-2009.

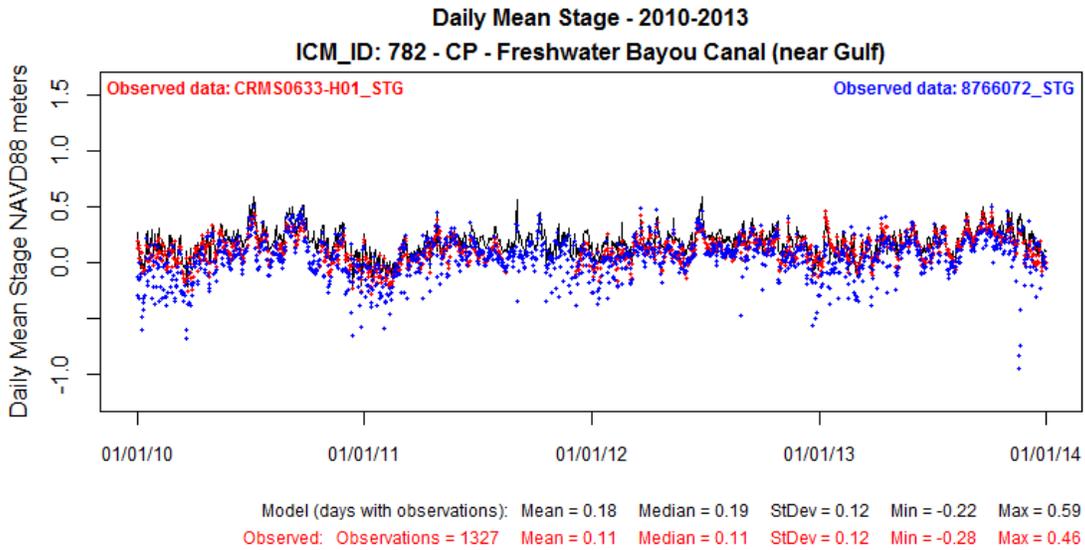


Figure 351: Modeled Stage at ICM Compartment 782 (solid black line) Compared to Observed Data at CRMS0633-H01 for Calibration Period, 2010-2013.

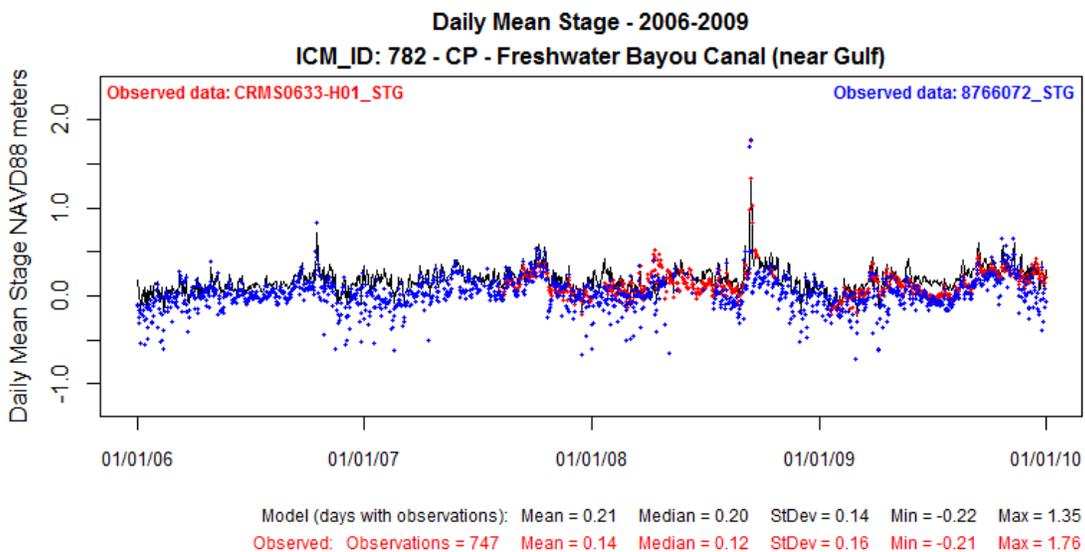


Figure 352: Modeled Stage at ICM Compartment 782 (solid black line) Compared to Observed Data at CRMS0633-H01 for Validation Period, 2006-2009.

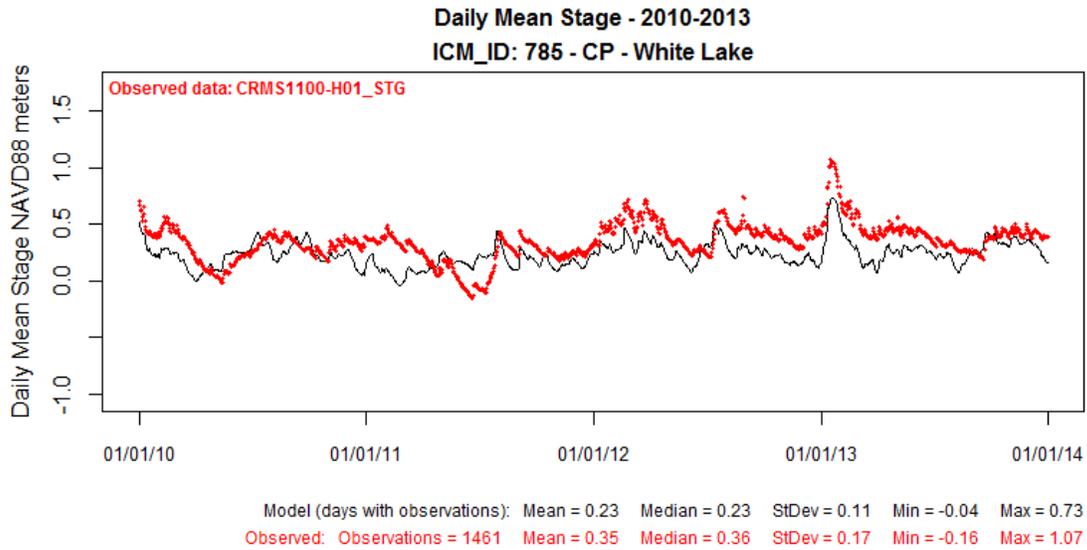


Figure 353: Modeled Stage at ICM Compartment 785 (solid black line) Compared to Observed Data at CRMS1100-H01 for Calibration Period, 2010-2013.

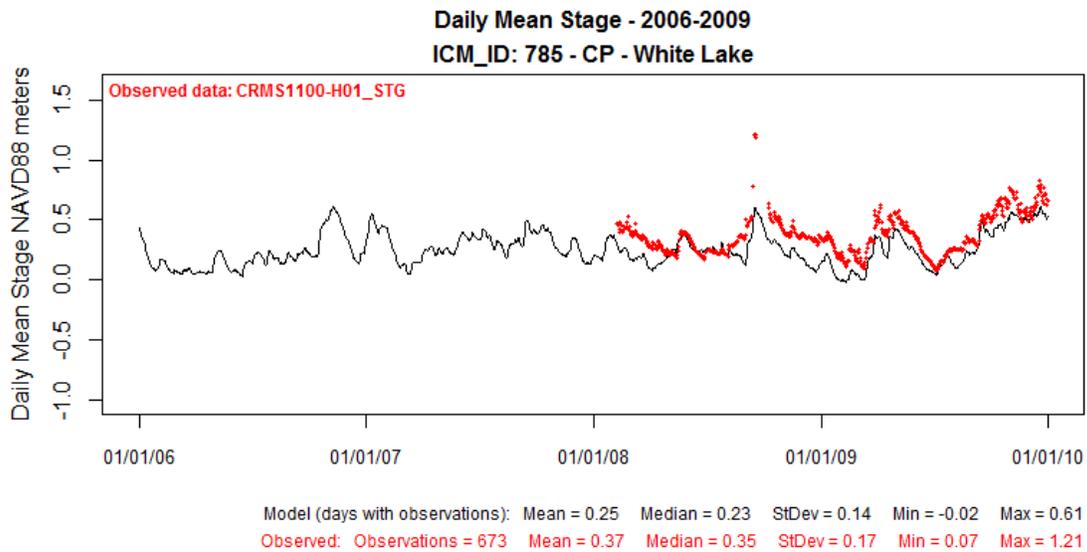


Figure 354: Modeled Stage at ICM Compartment 785 (solid black line) Compared to Observed Data at CRMS1100-H01 for Validation Period, 2006-2009.

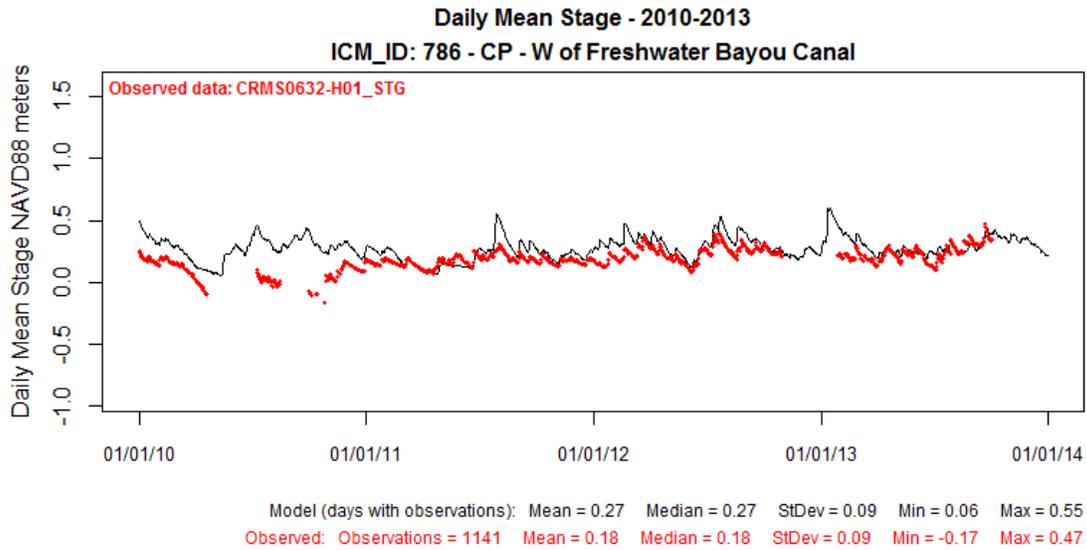


Figure 355: Modeled Stage at ICM Compartment 786 (solid black line) Compared to Observed Data at CRMS0632-H01 for Calibration Period, 2010-2013.

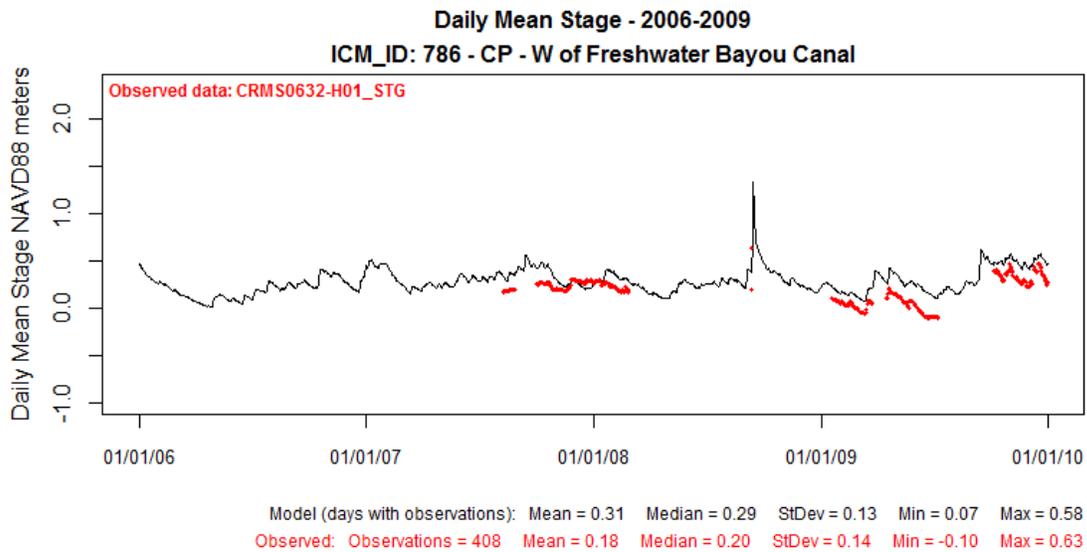


Figure 356: Modeled Stage at ICM Compartment 786 (solid black line) Compared to Observed Data at CRMS0632-H01 for Validation Period, 2006-2009.

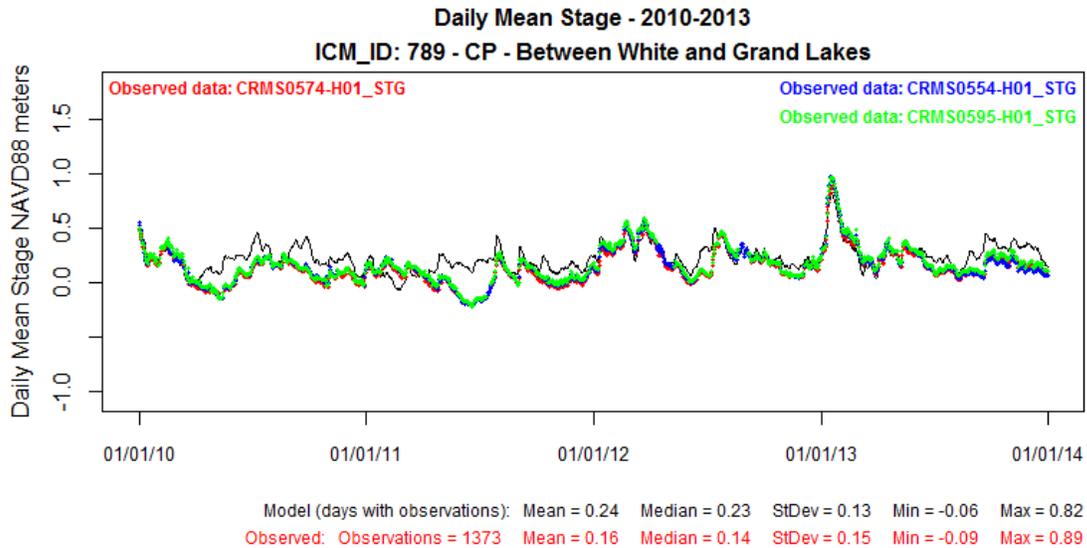


Figure 357: Modeled Stage at ICM Compartment 789 (solid black line) Compared to Observed Data at CRMS0574-H01 for Calibration Period, 2010-2013.

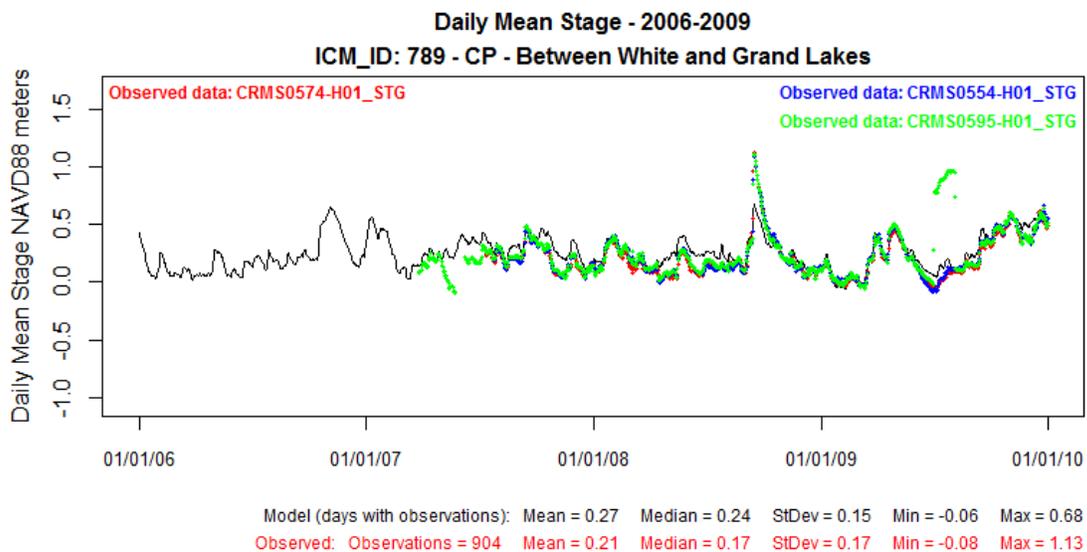


Figure 358: Modeled Stage at ICM Compartment 789 (solid black line) Compared to Observed Data at CRMS0574-H01 for Validation Period, 2006-2009.

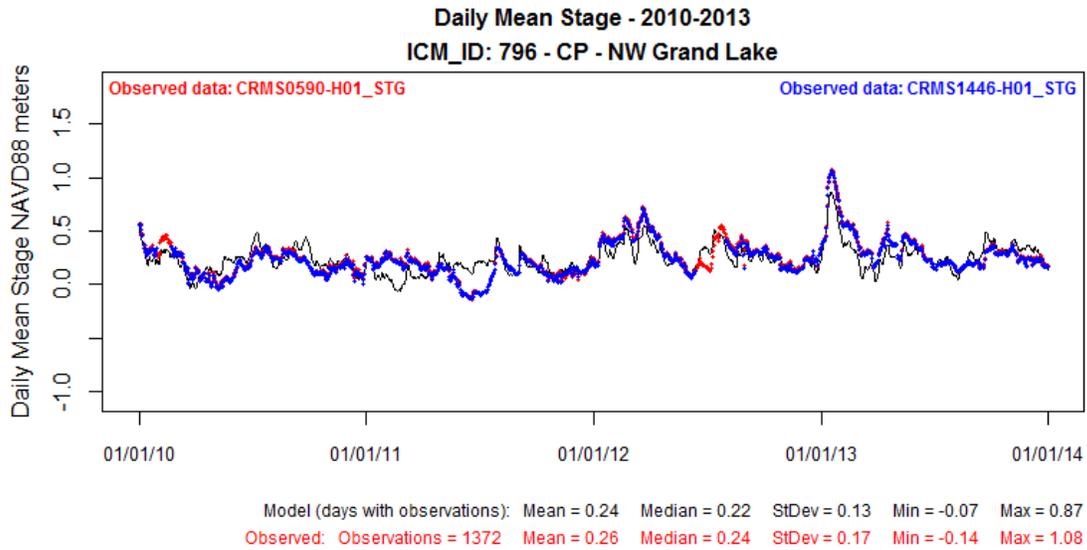


Figure 359: Modeled Stage at ICM Compartment 796 (solid black line) Compared to Observed Data at CRMS0590-H01 for Calibration Period, 2010-2013.

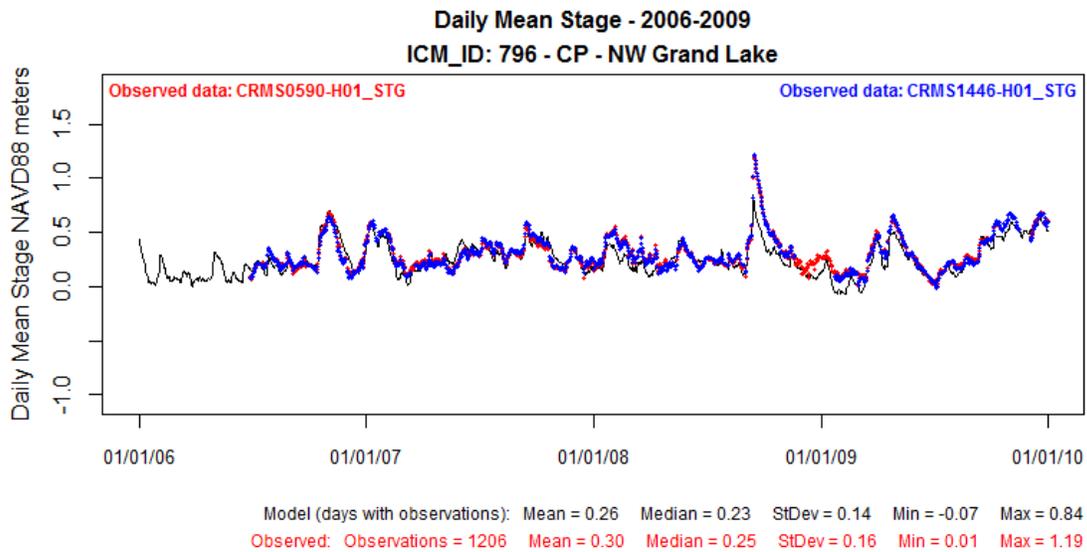


Figure 360: Modeled Stage at ICM Compartment 796 (solid black line) Compared to Observed Data at CRMS0590-H01 for Validation Period, 2006-2009.

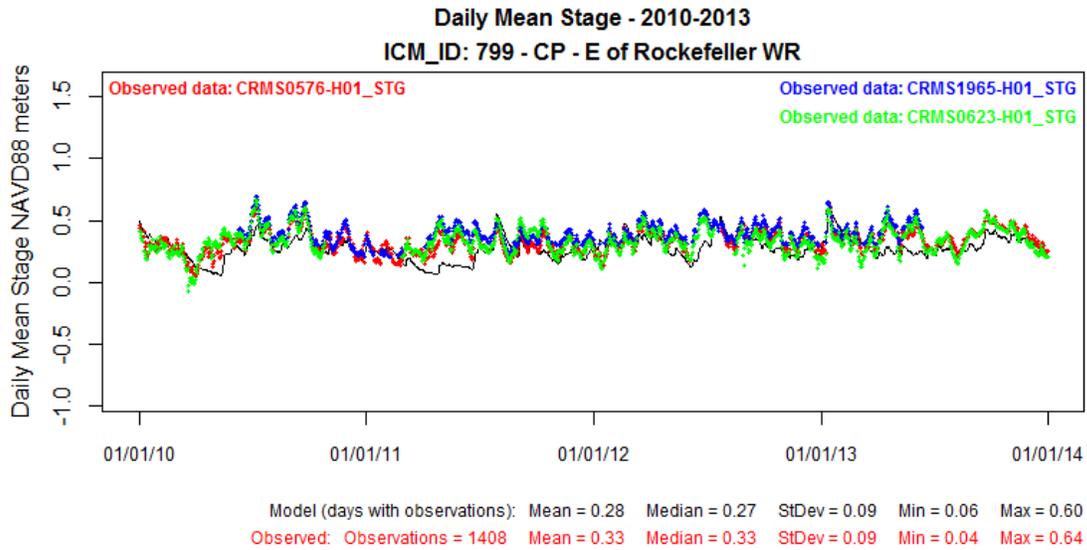


Figure 361: Modeled Stage at ICM Compartment 799 (solid black line) Compared to Observed Data at CRMS0576-H01 for Calibration Period, 2010-2013.

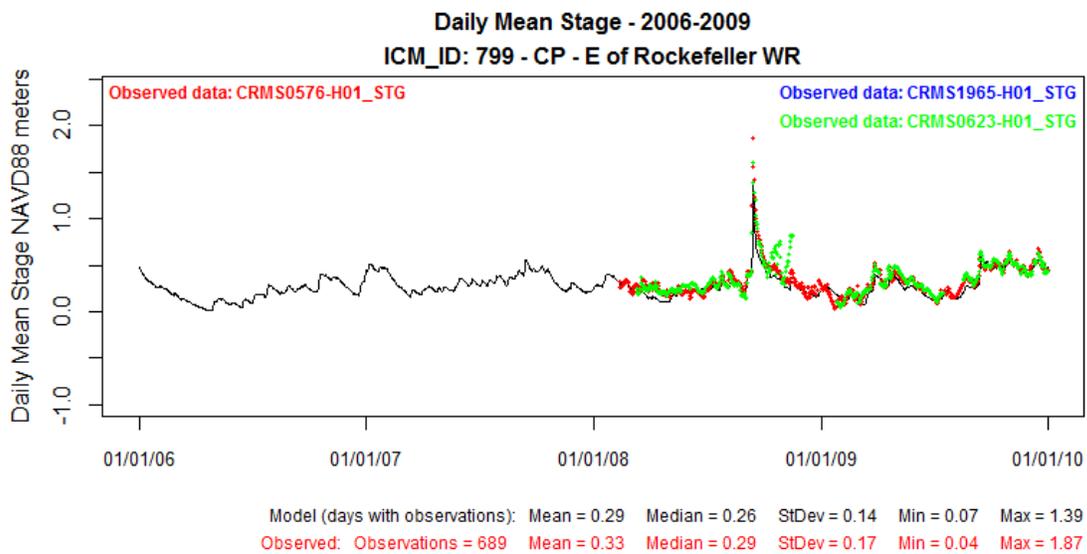


Figure 362: Modeled Stage at ICM Compartment 799 (solid black line) Compared to Observed Data at CRMS0576-H01 for Validation Period, 2006-2009.

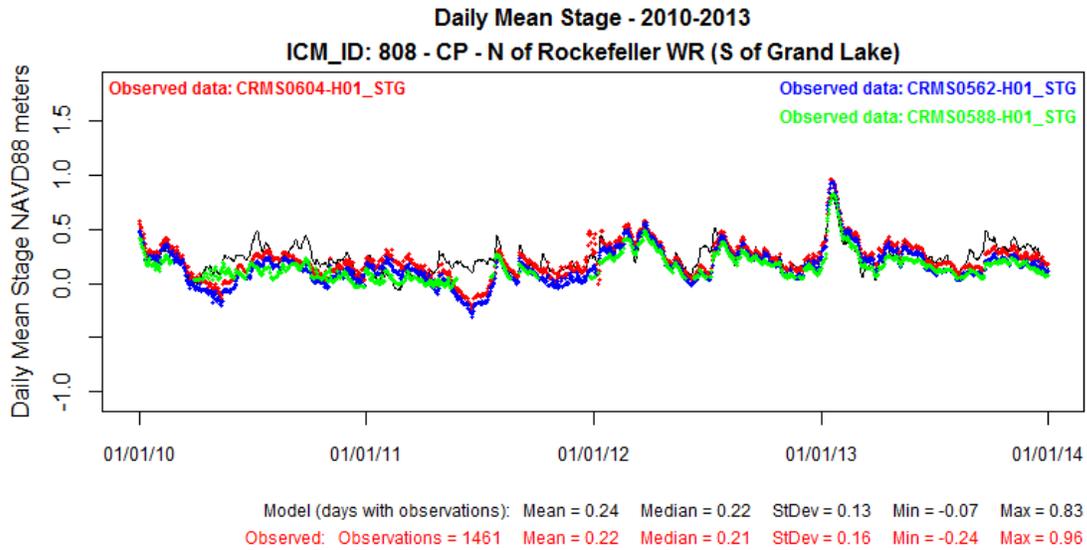


Figure 363: Modeled Stage at ICM Compartment 808 (solid black line) Compared to Observed Data at CRMS0604-H01 for Calibration Period, 2010-2013.

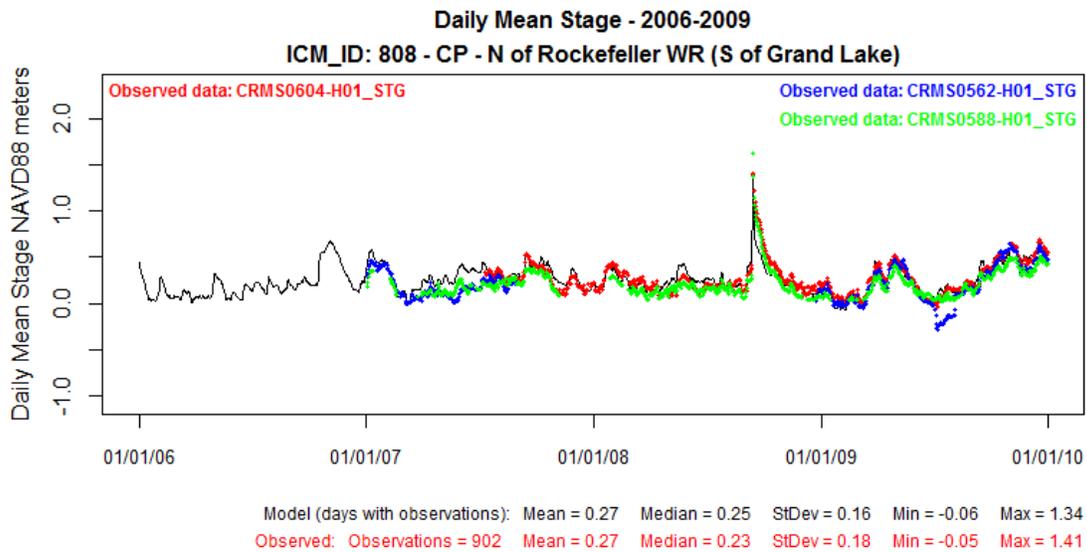


Figure 364: Modeled Stage at ICM Compartment 808 (solid black line) Compared to Observed Data at CRMS0604-H01 for Validation Period, 2006-2009.

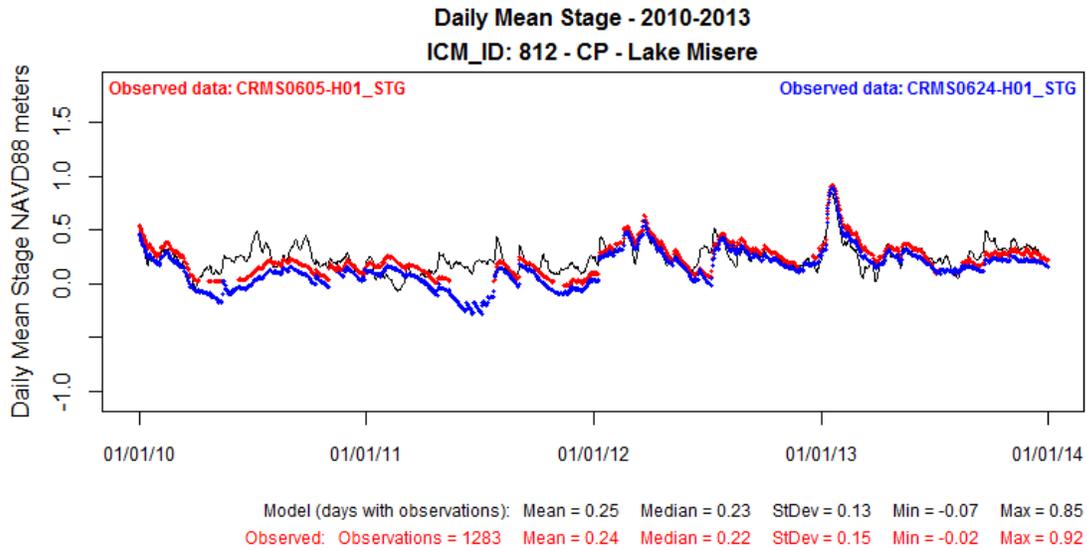


Figure 365: Modeled Stage at ICM Compartment 812 (solid black line) Compared to Observed Data at CRMS0605-H01 for Calibration Period, 2010-2013.

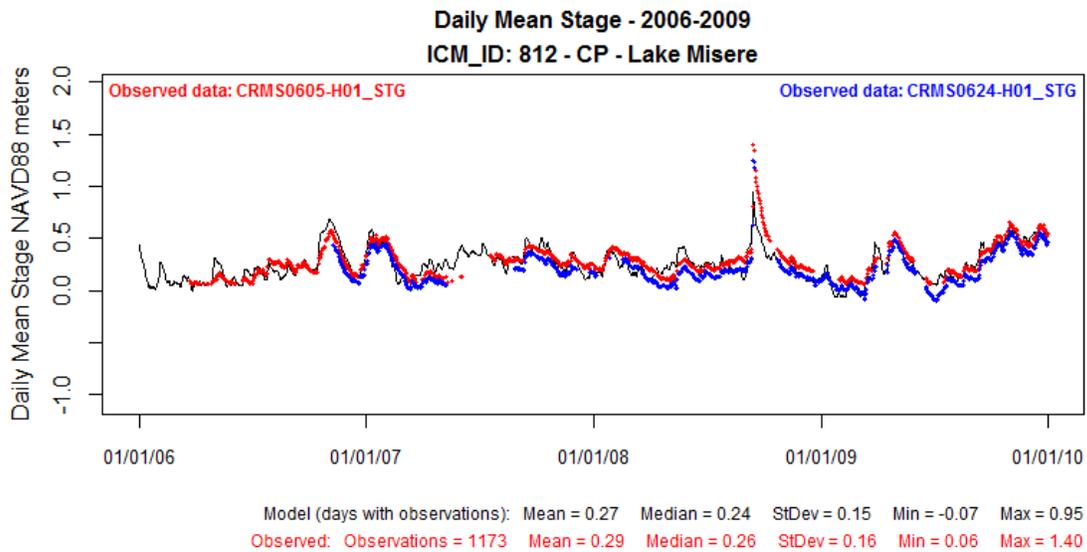


Figure 366: Modeled Stage at ICM Compartment 812 (solid black line) Compared to Observed Data at CRMS0605-H01 for Validation Period, 2006-2009.

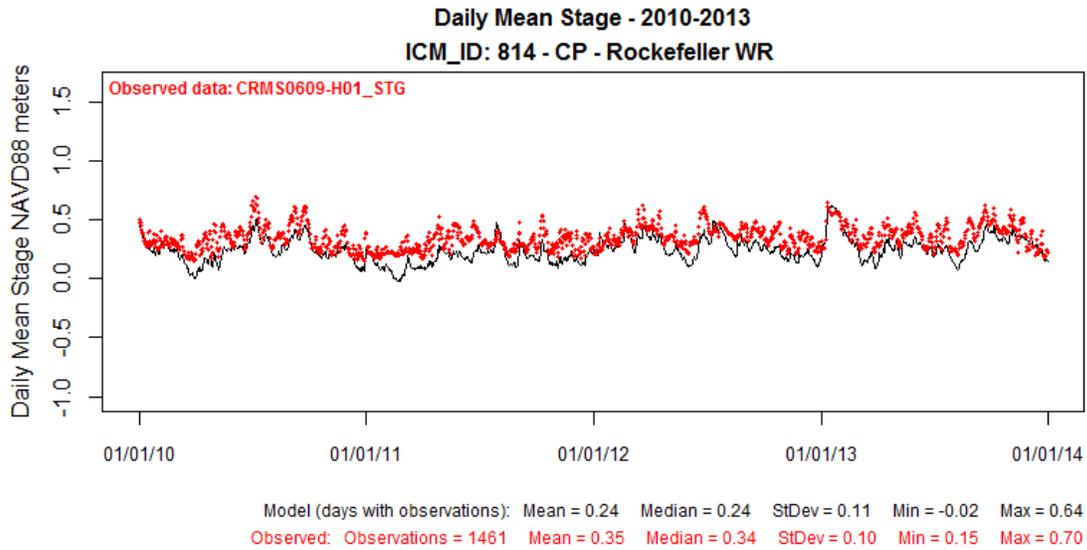


Figure 367: Modeled Stage at ICM Compartment 814 (solid black line) Compared to Observed Data at CRMS0609-H01 for Calibration Period, 2010-2013.

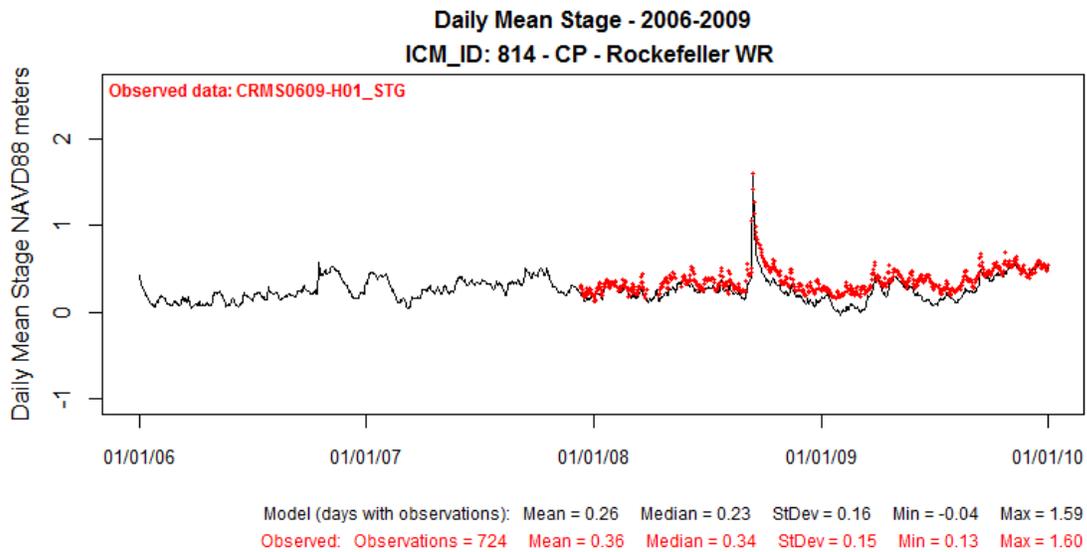


Figure 368: Modeled Stage at ICM Compartment 814 (solid black line) Compared to Observed Data at CRMS0609-H01 for Validation Period, 2006-2009.

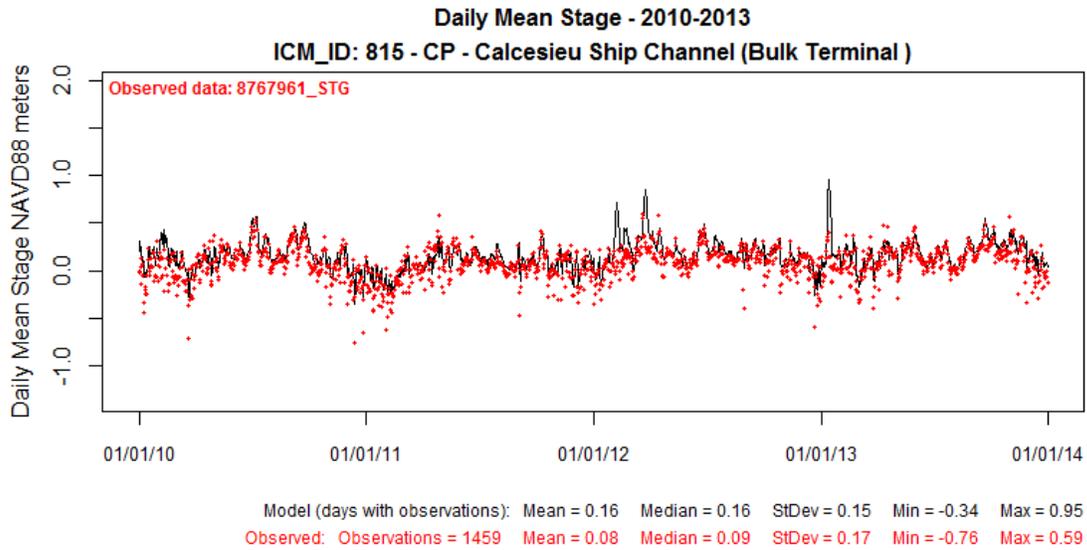


Figure 369: Modeled Stage at ICM Compartment 815 (solid black line) Compared to Observed Data at USGS8767961 for Calibration Period, 2010-2013.

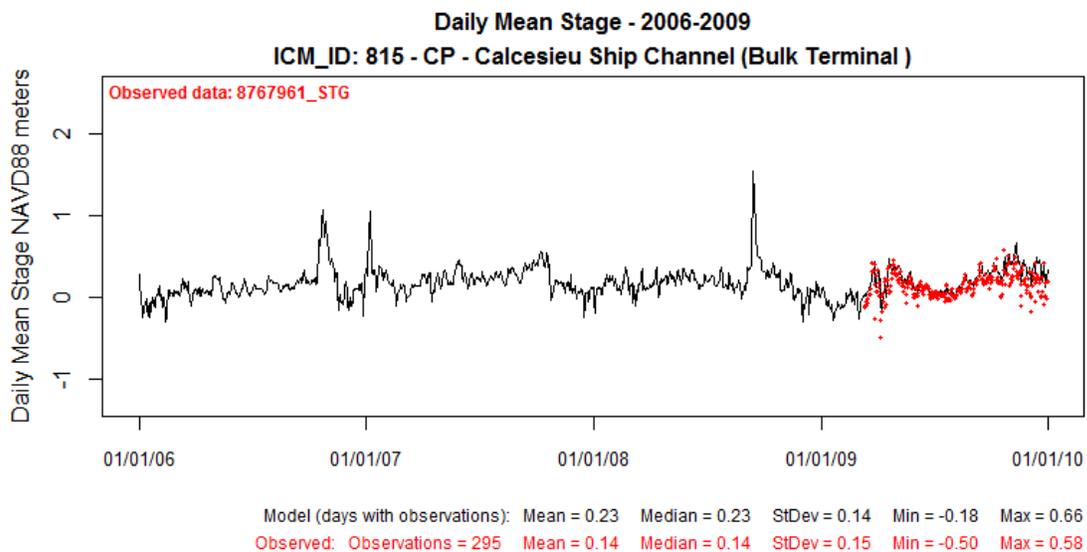


Figure 370: Modeled Stage at ICM Compartment 815 (solid black line) Compared to Observed Data at USGS8767961 for Validation Period, 2006-2009.

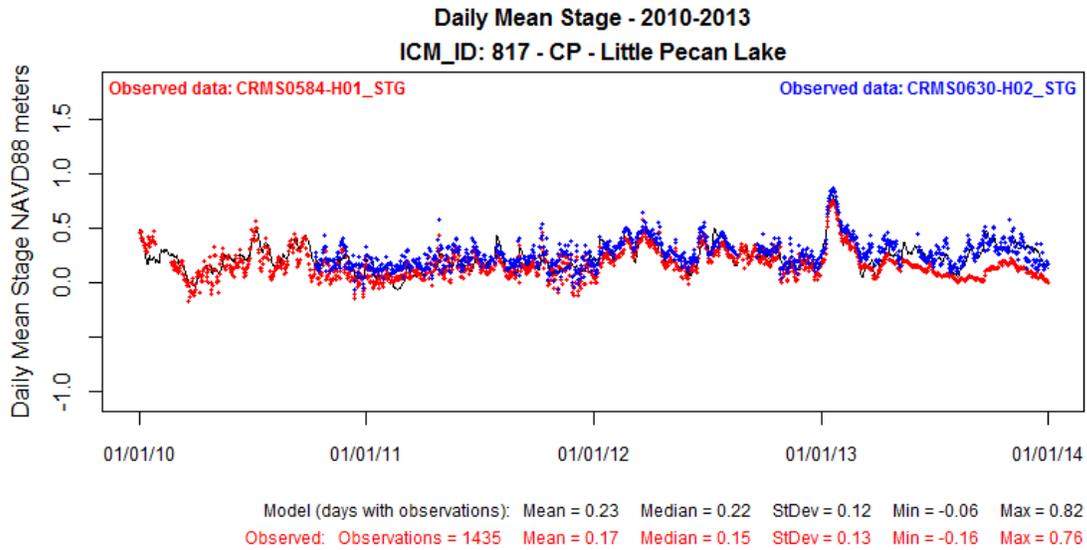


Figure 371: Modeled Stage at ICM Compartment 817 (solid black line) Compared to Observed Data at CRMS0584-H01 for Calibration Period, 2010-2013.

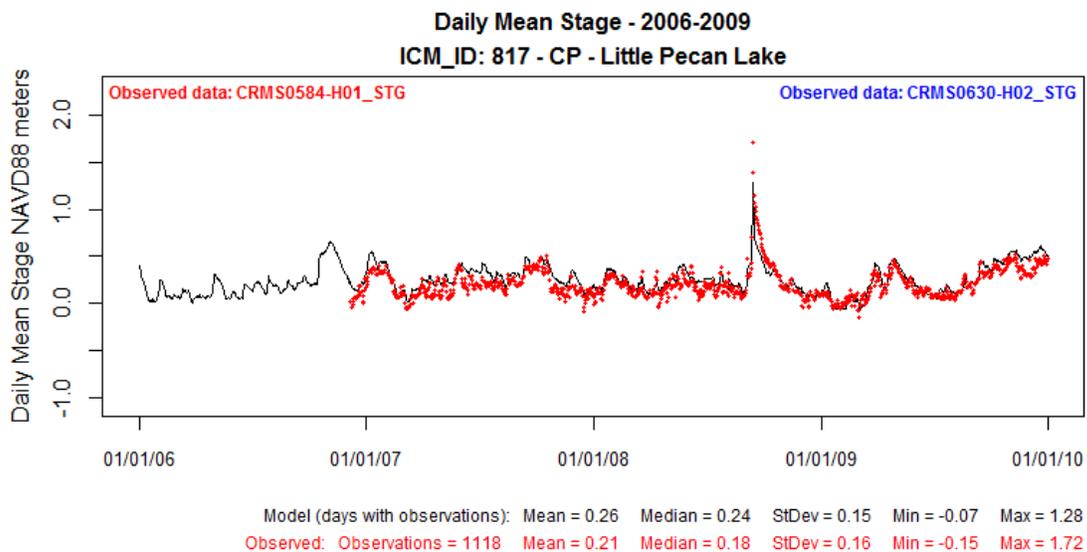


Figure 372: Modeled Stage at ICM Compartment 817 (solid black line) Compared to Observed Data at CRMS0584-H01 for Validation Period, 2006-2009.

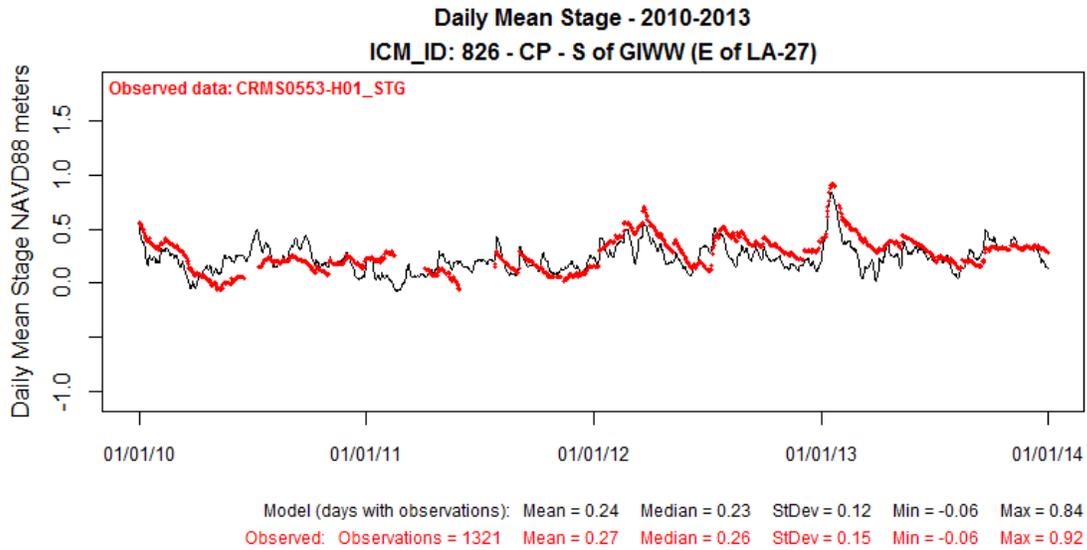


Figure 373: Modeled Stage at ICM Compartment 826 (solid black line) Compared to Observed Data at CRMS0553-H01 for Calibration Period, 2010-2013.

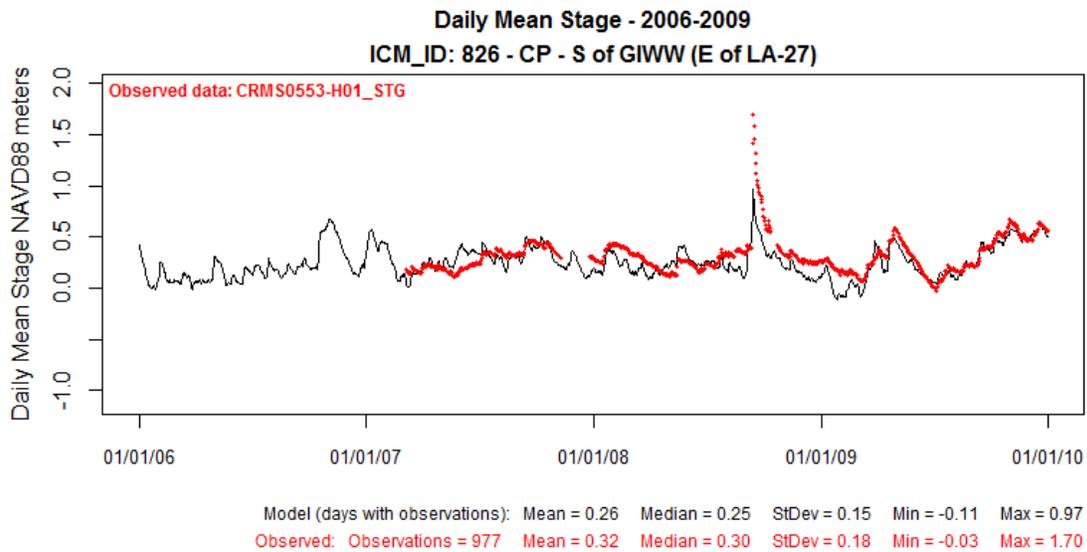


Figure 374: Modeled Stage at ICM Compartment 826 (solid black line) Compared to Observed Data at CRMS0553-H01 for Validation Period, 2006-2009.

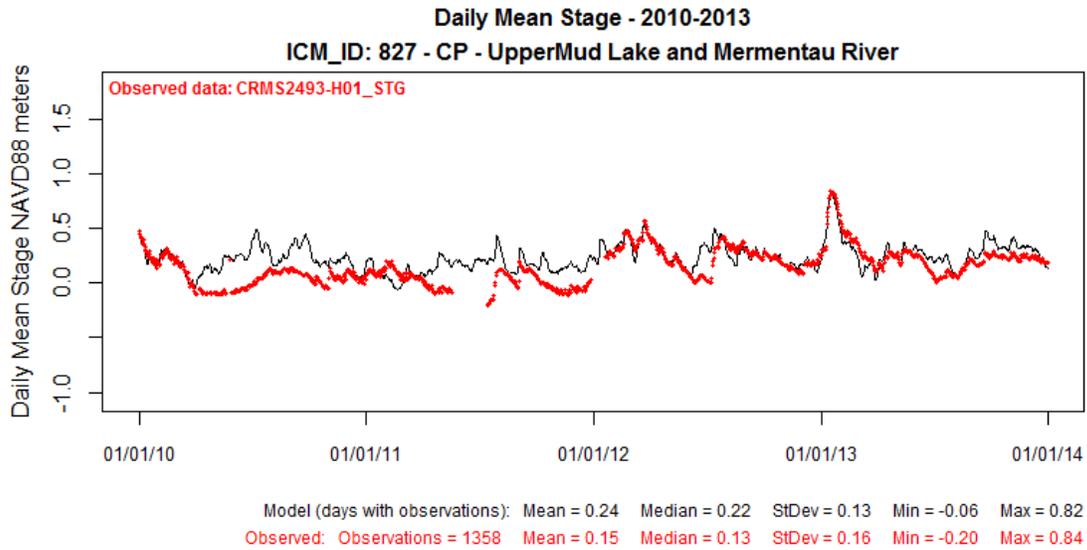


Figure 375: Modeled Stage at ICM Compartment 827 (solid black line) Compared to Observed Data at CRMS2493-H01 for Calibration Period, 2010-2013.

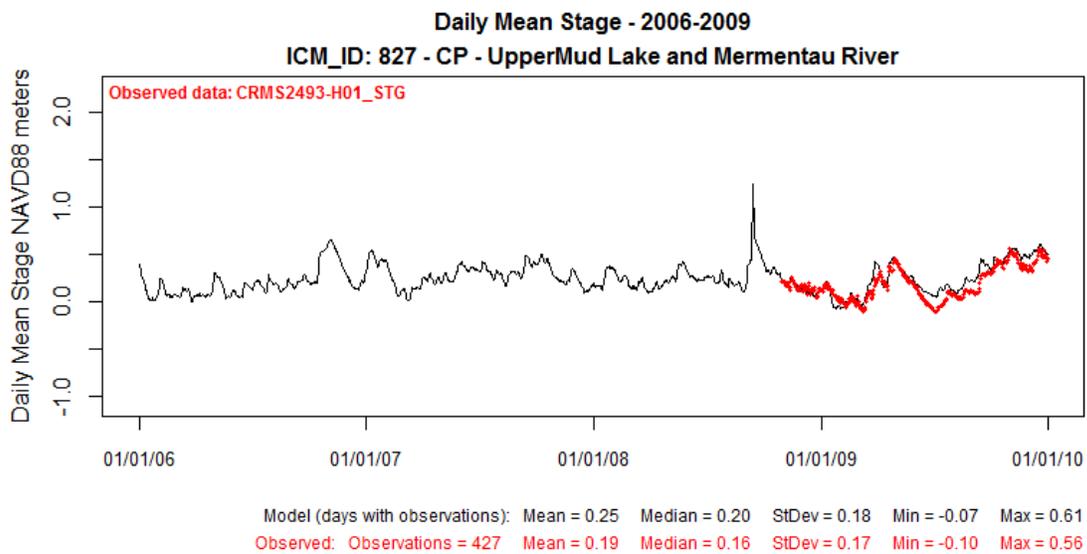


Figure 376: Modeled Stage at ICM Compartment 827 (solid black line) Compared to Observed Data at CRMS2493-H01 for Validation Period, 2006-2009.

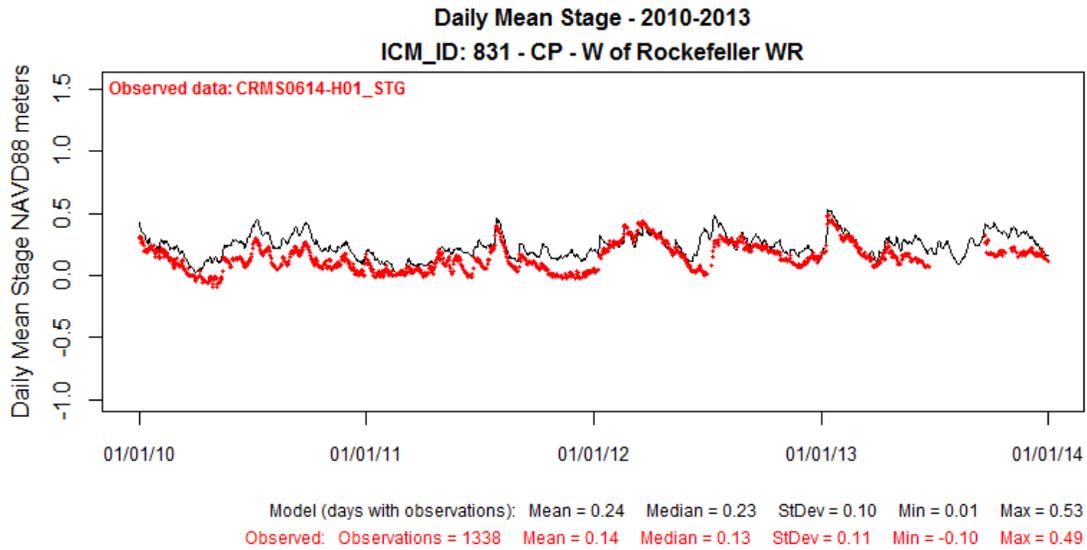


Figure 377: Modeled Stage at ICM Compartment 831 (solid black line) Compared to Observed Data at CRMS0614-H01 for Calibration Period, 2010-2013.

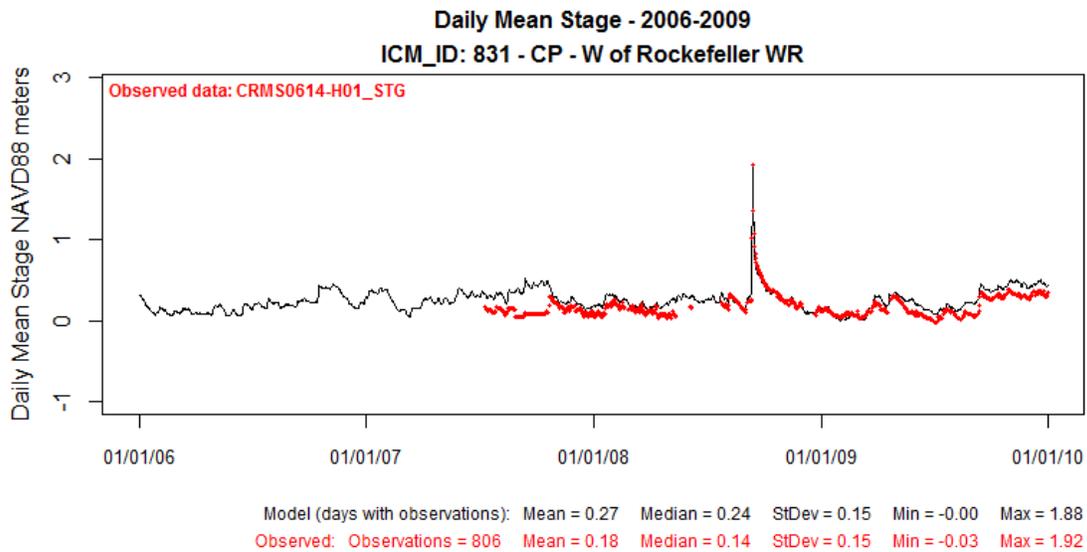


Figure 378: Modeled Stage at ICM Compartment 831 (solid black line) Compared to Observed Data at CRMS0614-H01 for Validation Period, 2006-2009.

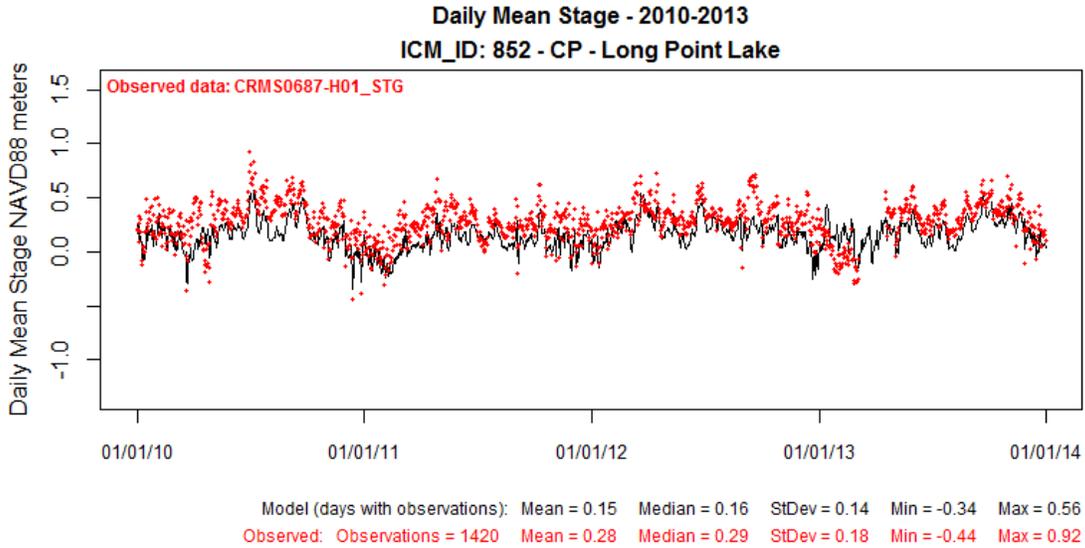


Figure 379: Modeled Stage at ICM Compartment 852 (solid black line) Compared to Observed Data at CRMS0687-H01 for Calibration Period, 2010-2013.

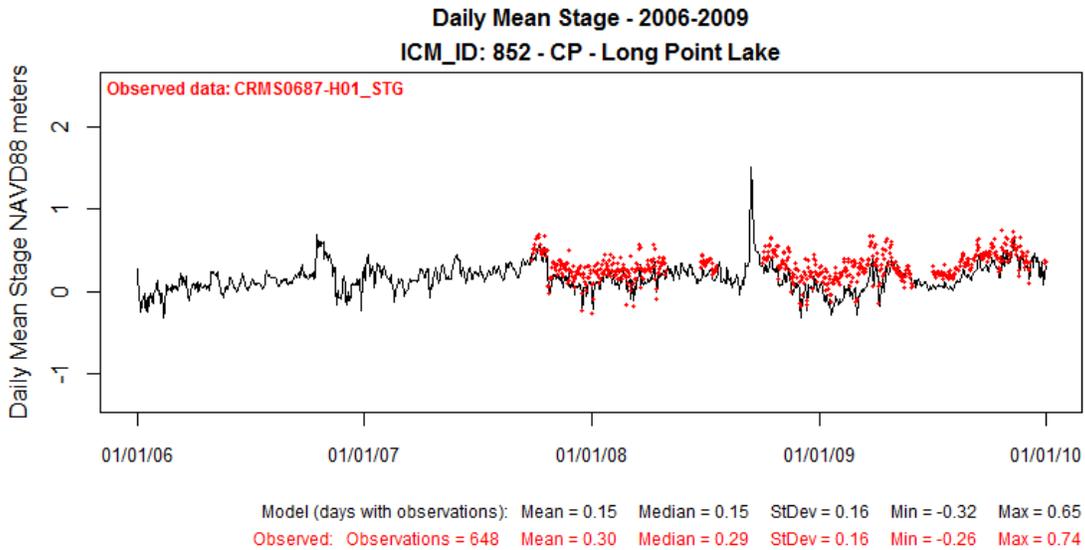


Figure 380: Modeled Stage at ICM Compartment 852 (solid black line) Compared to Observed Data at CRMS0687-H01 for Validation Period, 2006-2009.

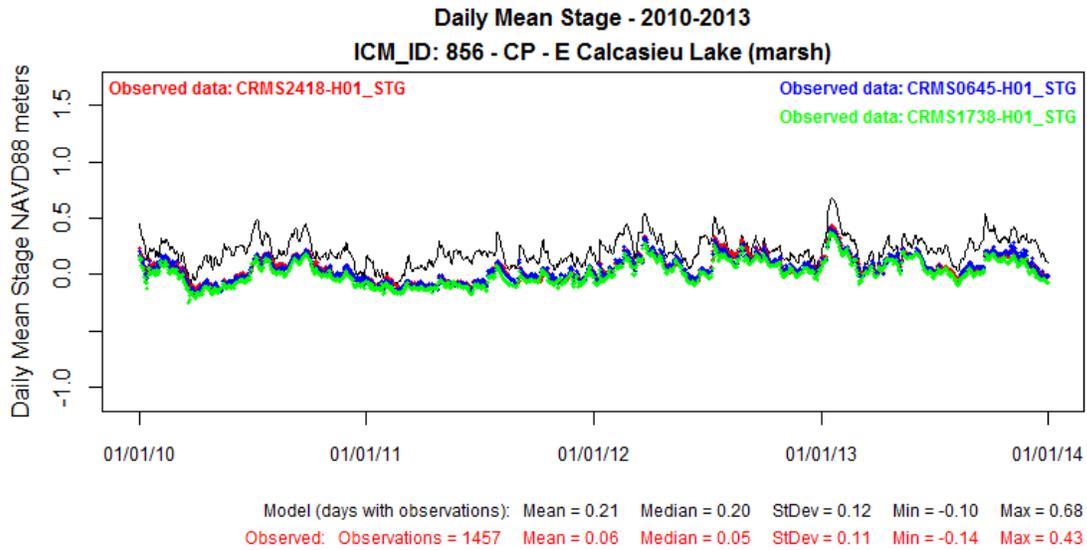


Figure 381: Modeled Stage at ICM Compartment 856 (solid black line) Compared to Observed Data at CRMS2418-H01 for Calibration Period, 2010-2013.

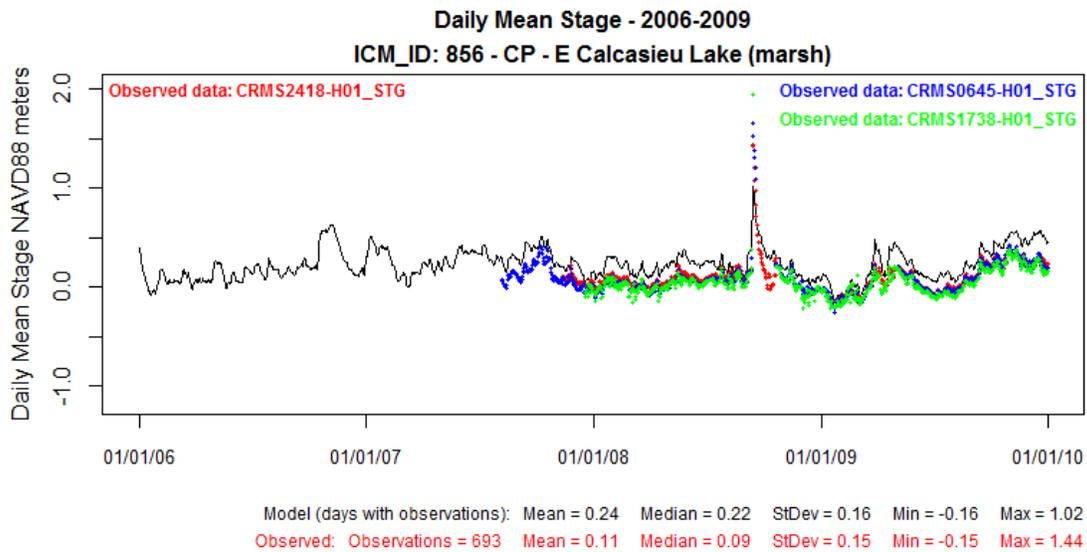


Figure 382: Modeled Stage at ICM Compartment 856 (solid black line) Compared to Observed Data at CRMS2418-H01 for Validation Period, 2006-2009.

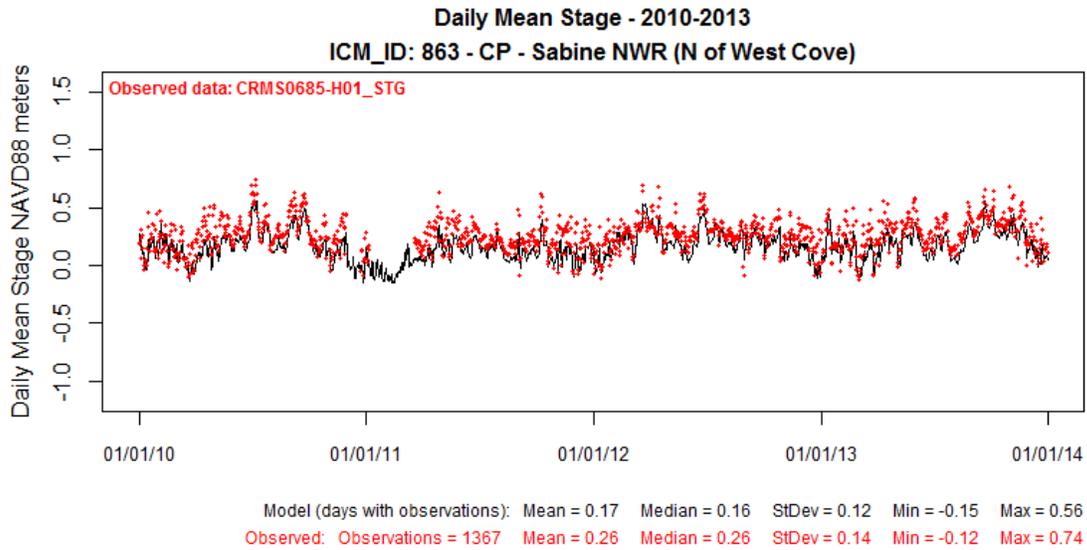


Figure 383: Modeled Stage at ICM Compartment 863 (solid black line) Compared to Observed Data at CRMS0685-H01 for Calibration Period, 2010-2013.

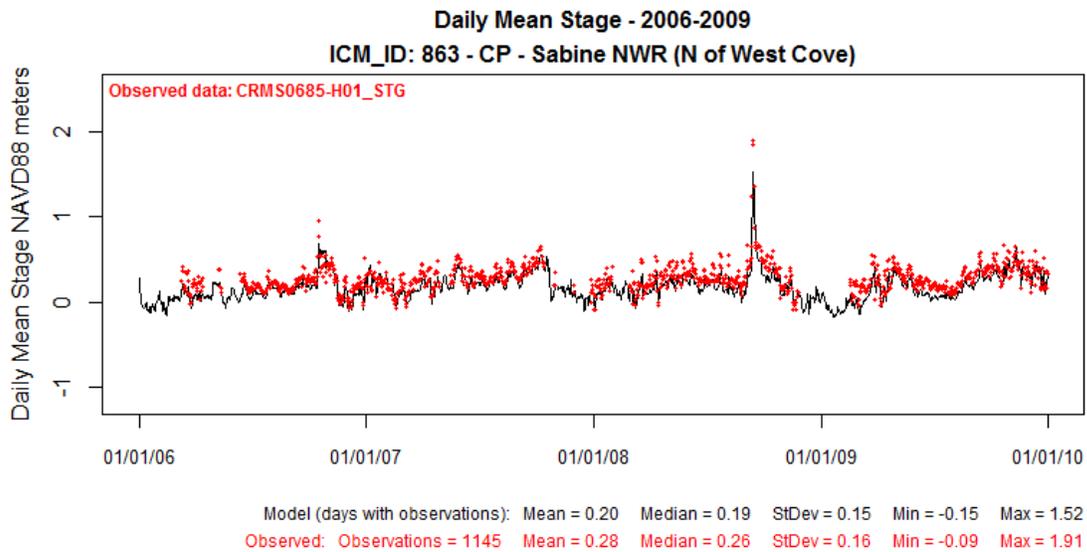


Figure 384: Modeled Stage at ICM Compartment 863 (solid black line) Compared to Observed Data at CRMS0685-H01 for Validation Period, 2006-2009.

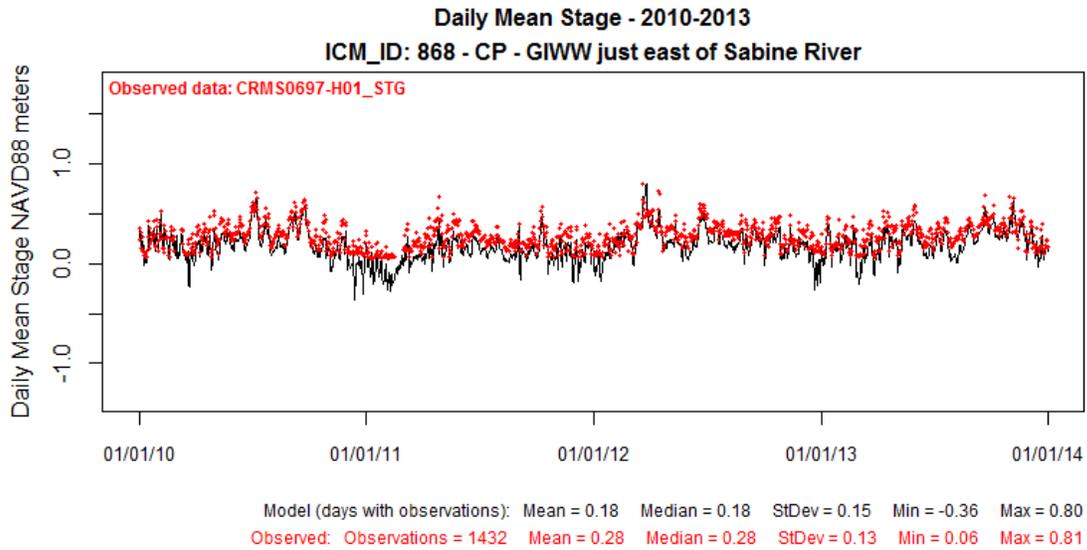


Figure 385: Modeled Stage at ICM Compartment 868 (solid black line) Compared to Observed Data at CRMS0697-H01 for Calibration Period, 2010-2013.

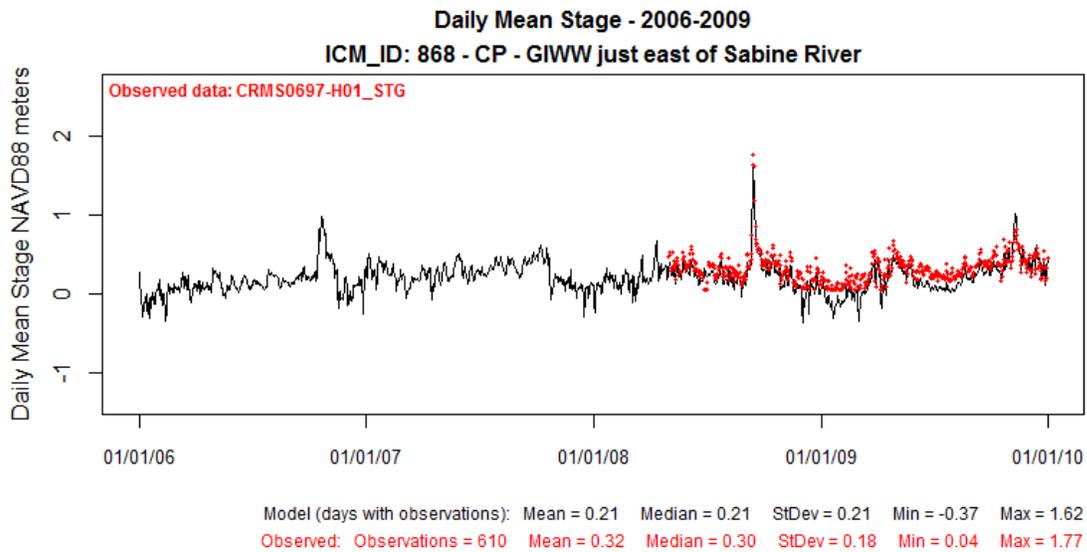


Figure 386: Modeled Stage at ICM Compartment 868 (solid black line) Compared to Observed Data at CRMS0697-H01 for Validation Period, 2006-2009.

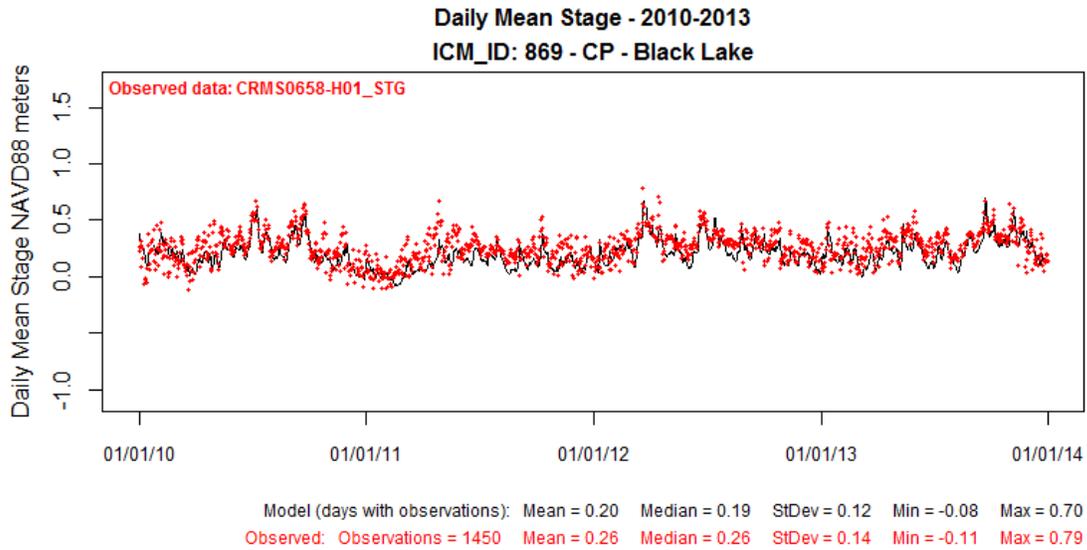


Figure 387: Modeled Stage at ICM Compartment 869 (solid black line) Compared to Observed Data at CRMS0658-H01 for Calibration Period, 2010-2013.

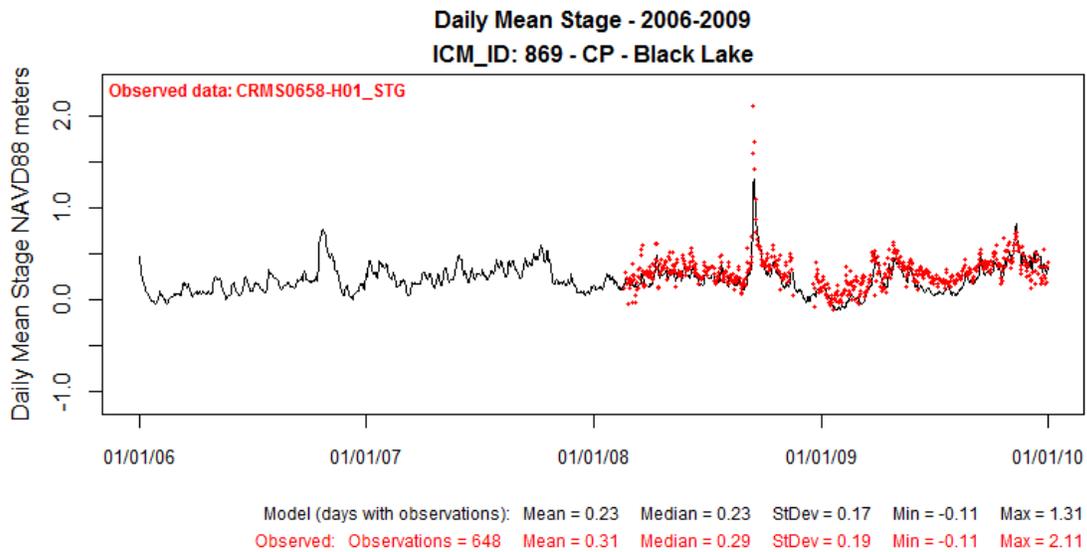


Figure 388: Modeled Stage at ICM Compartment 869 (solid black line) Compared to Observed Data at CRMS0658-H01 for Validation Period, 2006-2009.

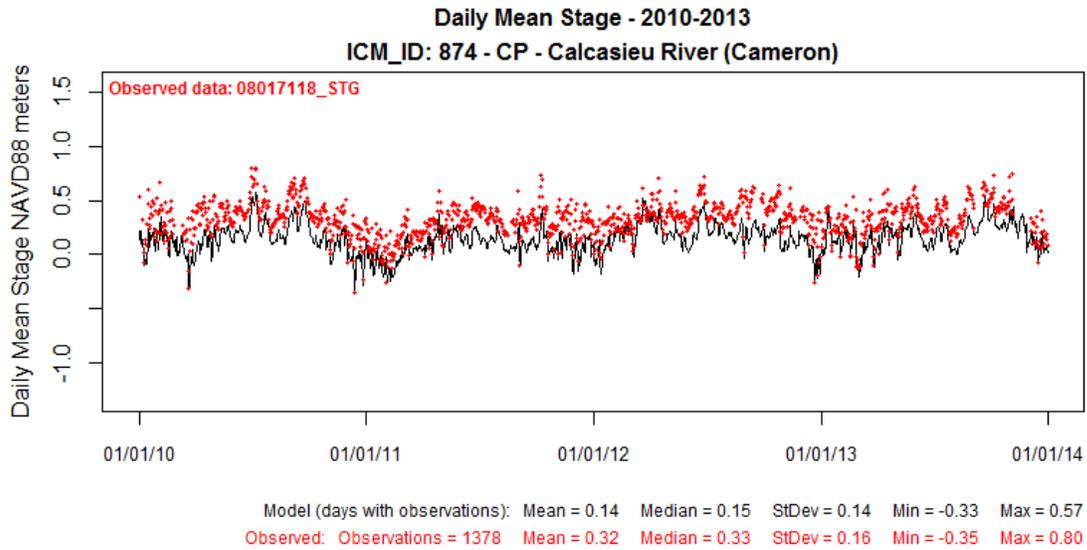


Figure 389: Modeled Stage at ICM Compartment 874 (solid black line) Compared to Observed Data at USGS08017118 for Calibration Period, 2010-2013.

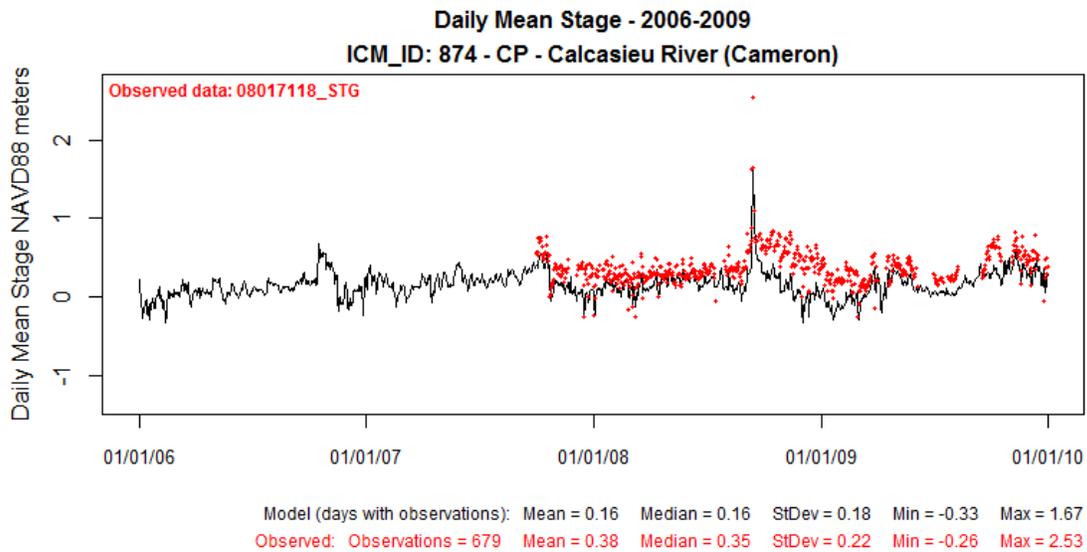


Figure 390: Modeled Stage at ICM Compartment 874 (solid black line) Compared to Observed Data at USGS08017118 for Validation Period, 2006-2009.

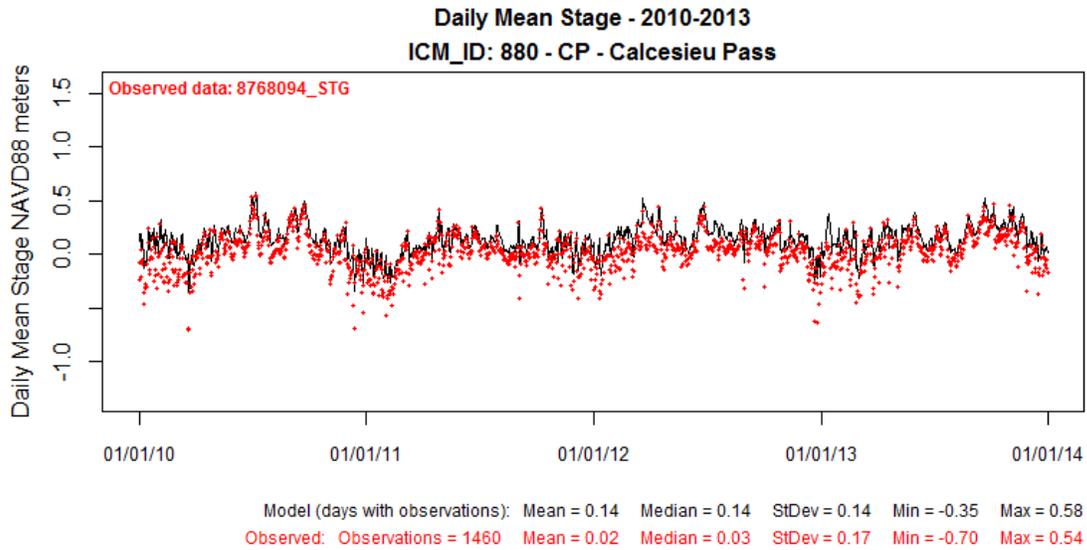


Figure 391: Modeled Stage at ICM Compartment 880 (solid black line) Compared to Observed Data at USGS8768094 for Calibration Period, 2010-2013.

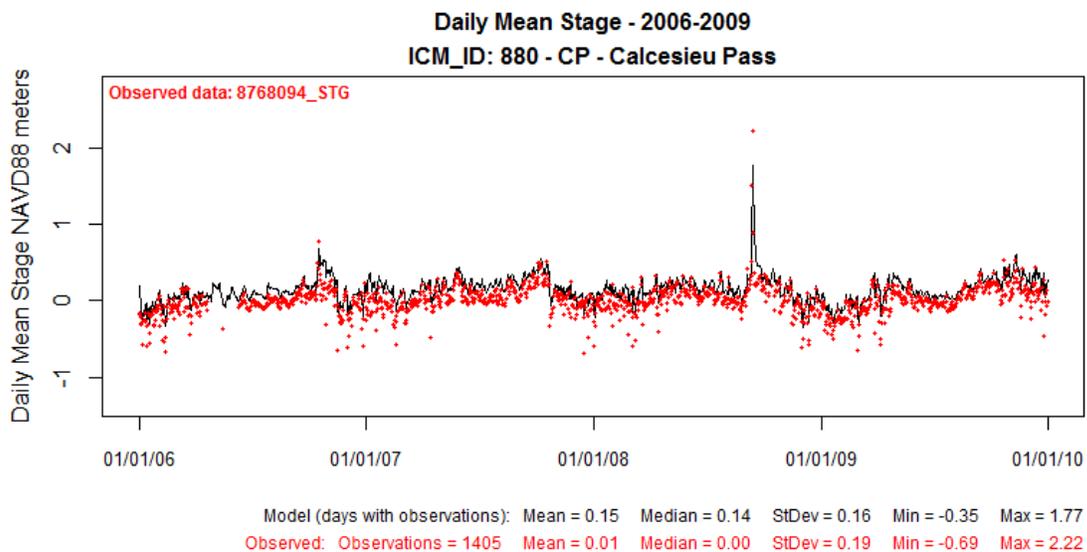


Figure 392: Modeled Stage at ICM Compartment 880 (solid black line) Compared to Observed Data at USGS8768094 for Validation Period, 2006-2009.

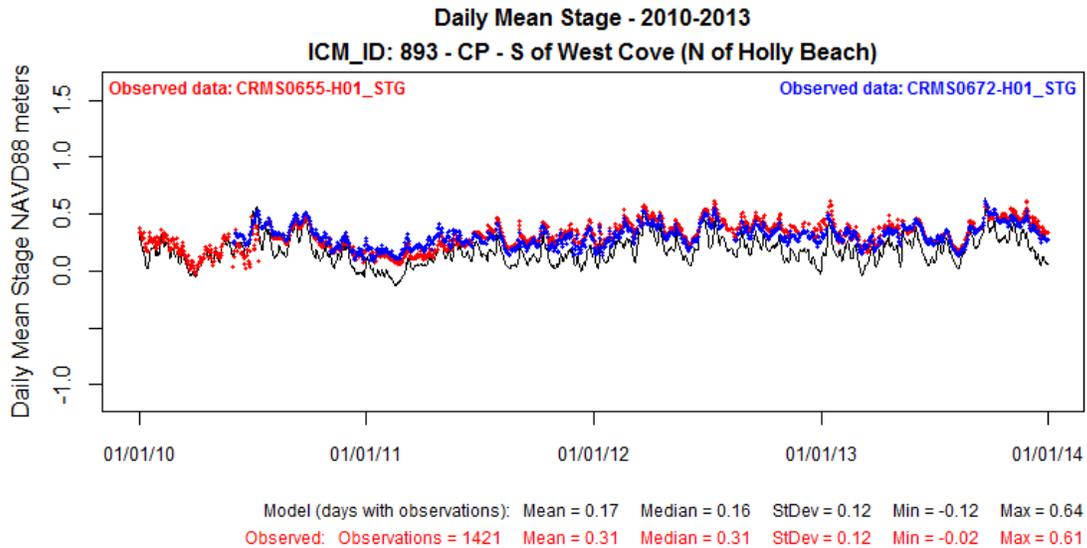


Figure 393: Modeled Stage at ICM Compartment 893 (solid black line) Compared to Observed Data at CRMS0655-H01 for Calibration Period, 2010-2013.

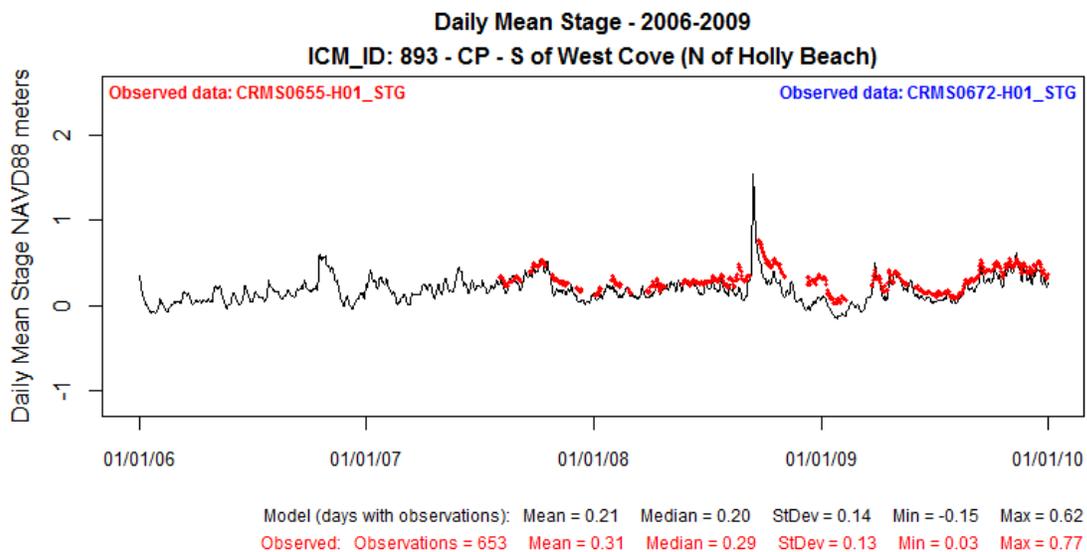


Figure 394: Modeled Stage at ICM Compartment 893 (solid black line) Compared to Observed Data at CRMS0655-H01 for Validation Period, 2006-2009.

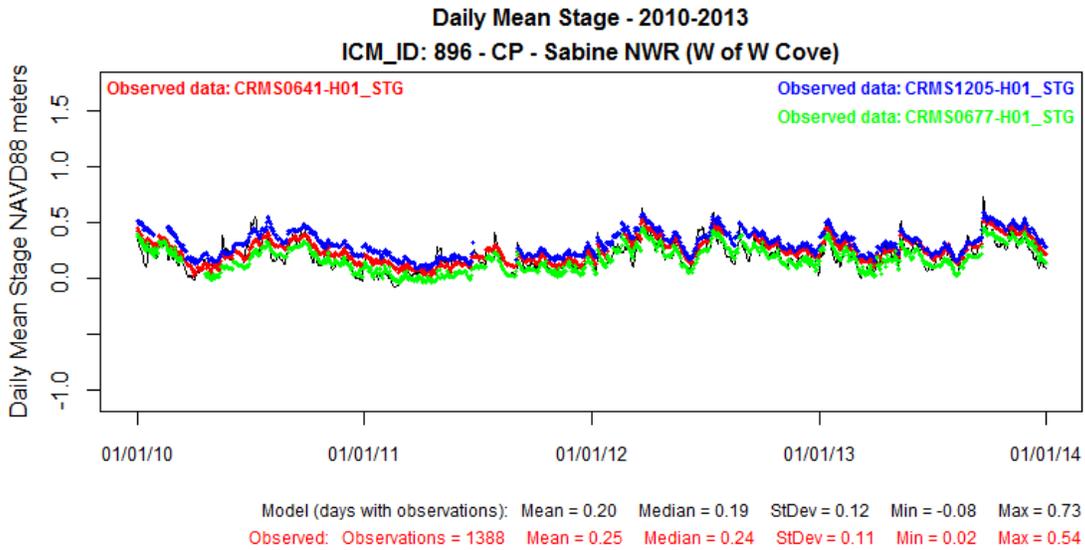


Figure 395: Modeled Stage at ICM Compartment 896 (solid black line) Compared to Observed Data at CRMS0641-H01 for Calibration Period, 2010-2013.

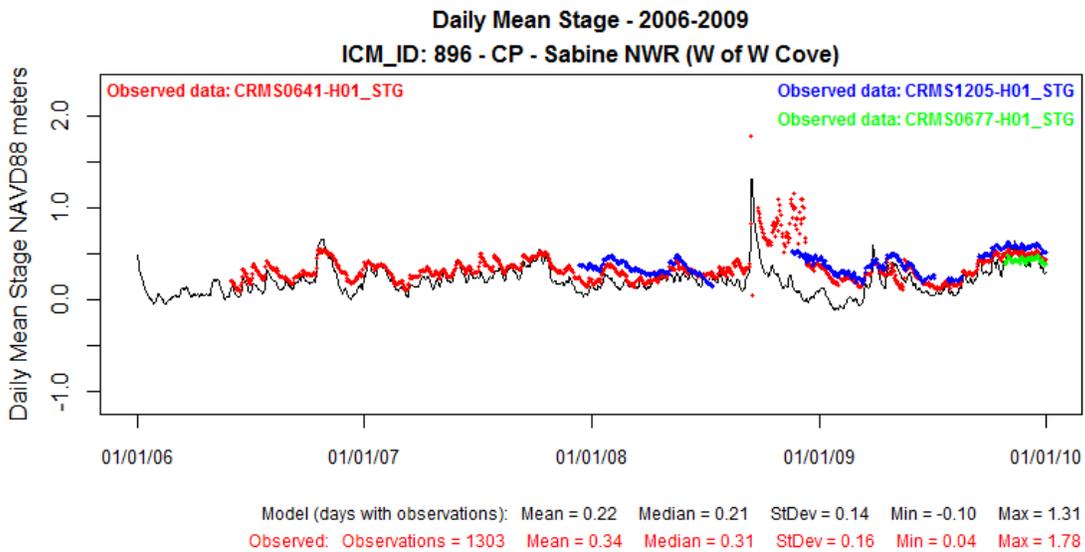


Figure 396: Modeled Stage at ICM Compartment 896 (solid black line) Compared to Observed Data at CRMS0641-H01 for Validation Period, 2006-2009.

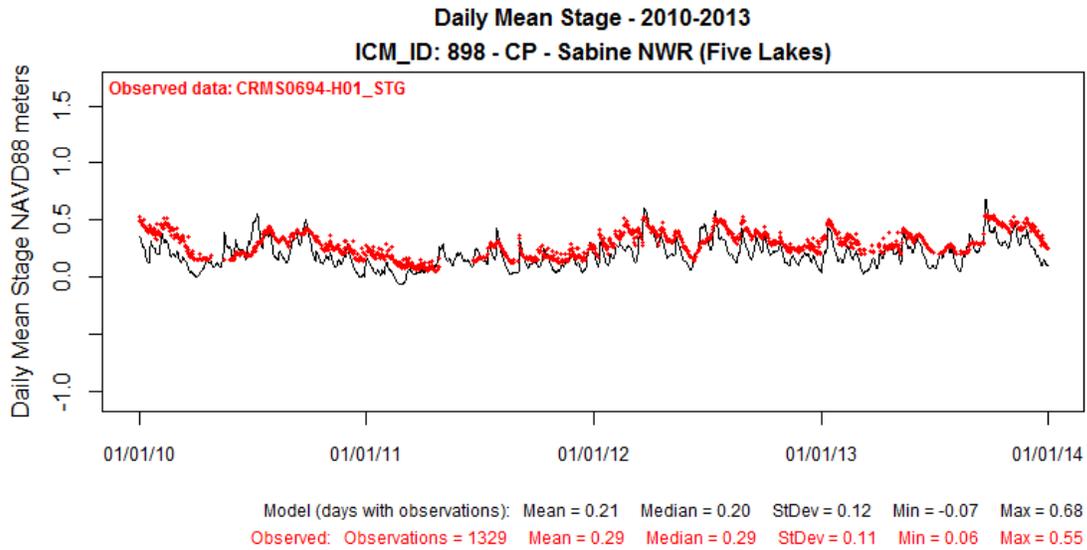


Figure 397: Modeled Stage at ICM Compartment 898 (solid black line) Compared to Observed Data at CRMS0694-H01 for Calibration Period, 2010-2013.

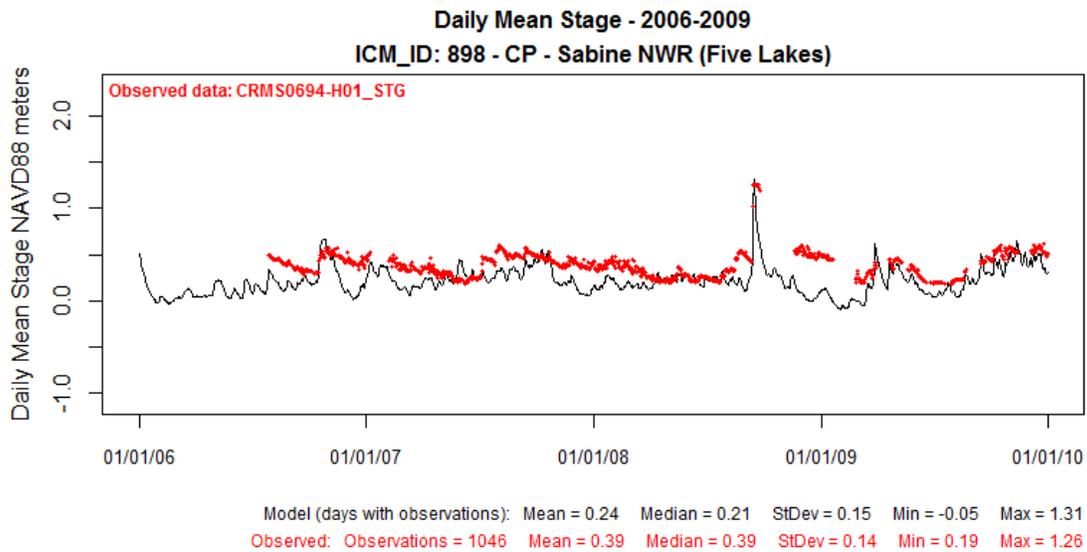


Figure 398: Modeled Stage at ICM Compartment 898 (solid black line) Compared to Observed Data at CRMS0694-H01 for Validation Period, 2006-2009.

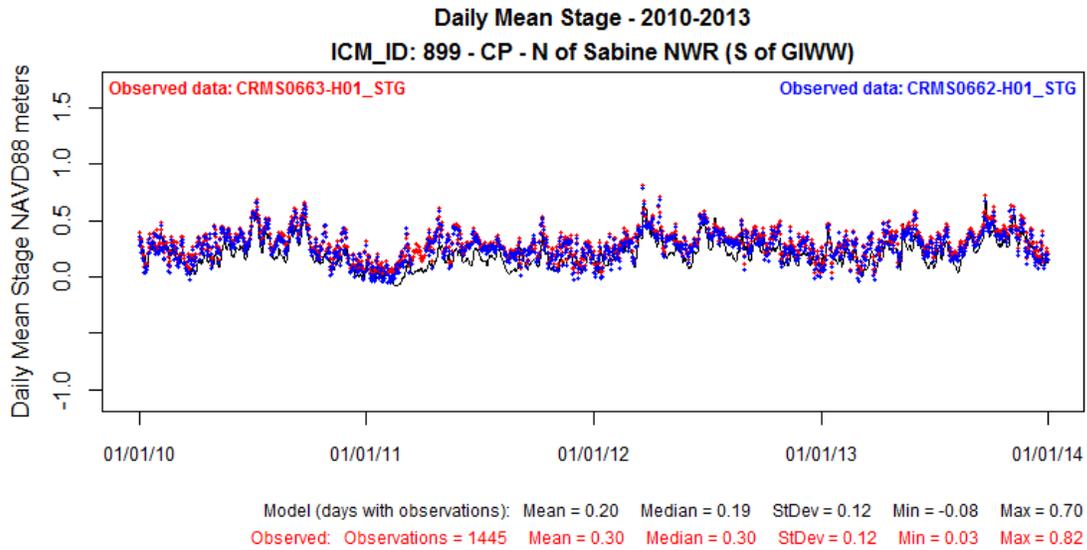


Figure 399: Modeled Stage at ICM Compartment 899 (solid black line) Compared to Observed Data at CRMS0663-H01 for Calibration Period, 2010-2013.

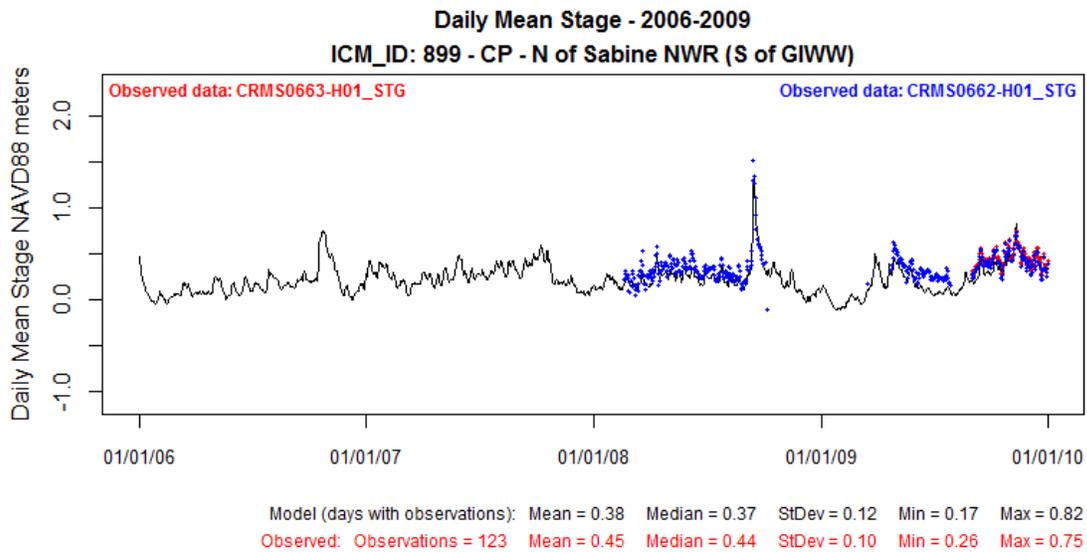


Figure 400: Modeled Stage at ICM Compartment 899 (solid black line) Compared to Observed Data at CRMS0663-H01 for Validation Period, 2006-2009.

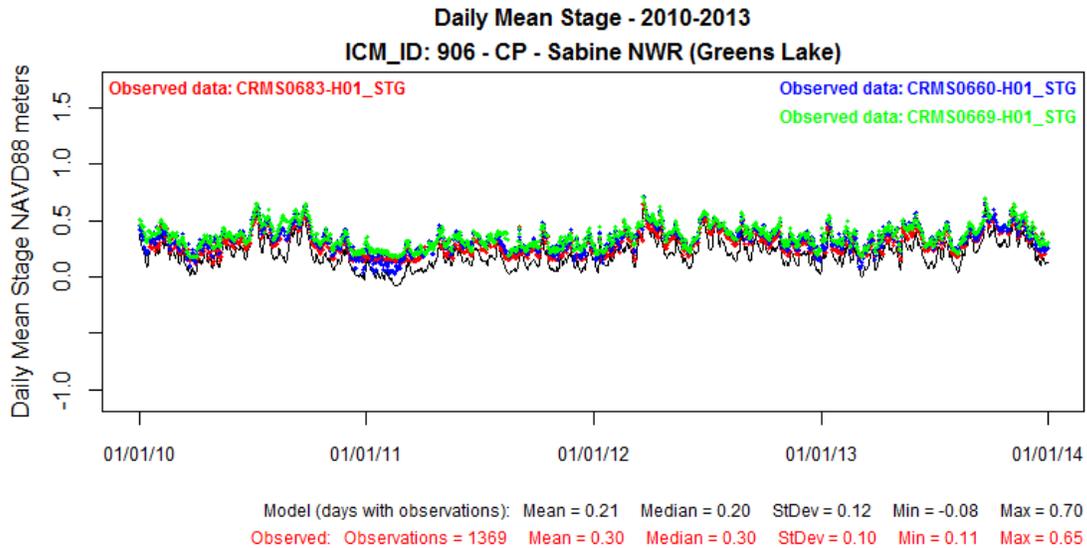


Figure 401: Modeled Stage at ICM Compartment 906 (solid black line) Compared to Observed Data at CRMS0683-H01 for Calibration Period, 2010-2013.

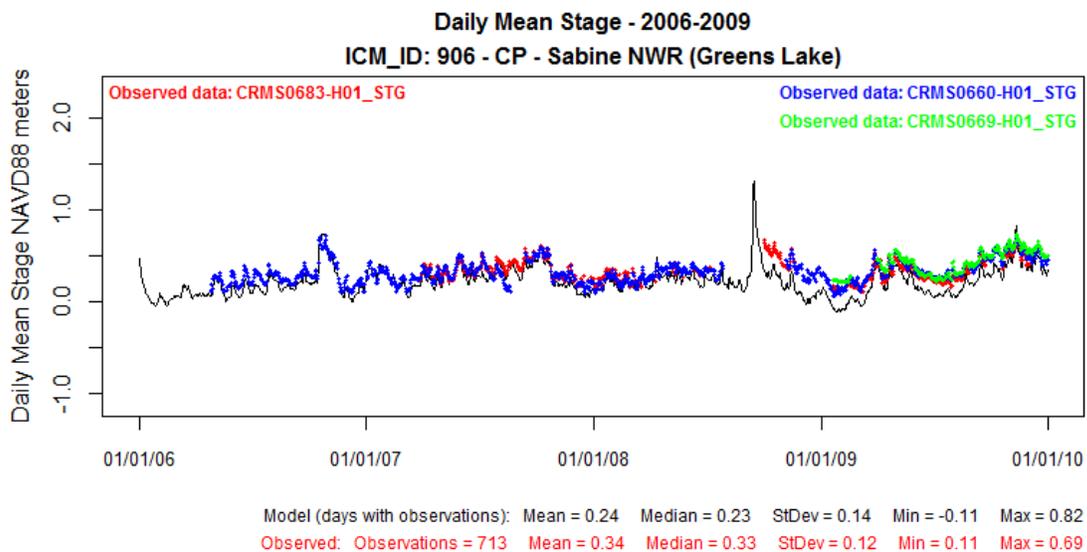


Figure 402: Modeled Stage at ICM Compartment 906 (solid black line) Compared to Observed Data at CRMS0683-H01 for Validation Period, 2006-2009.

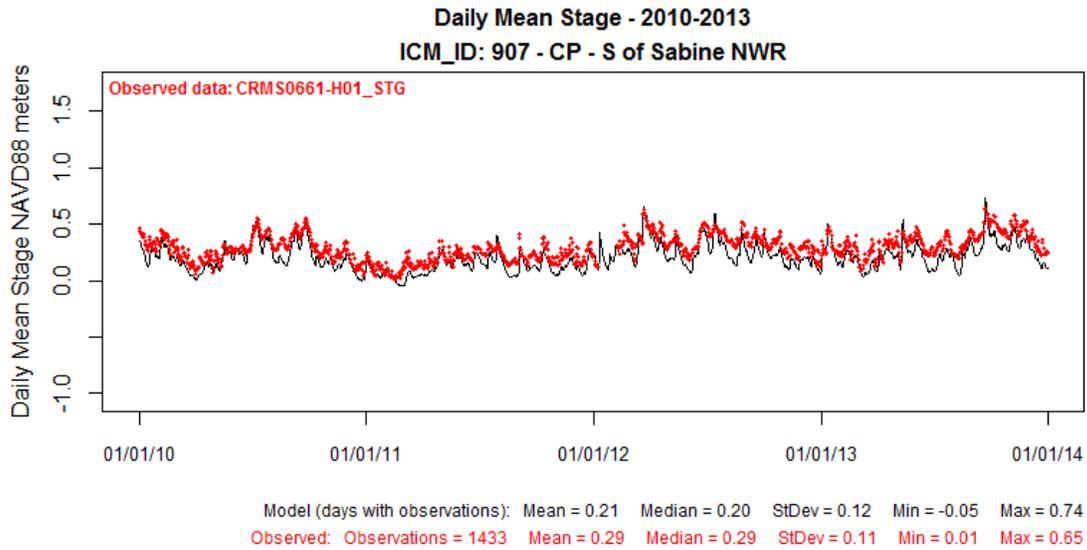


Figure 403: Modeled Stage at ICM Compartment 907 (solid black line) Compared to Observed Data at CRMS0661-H01 for Calibration Period, 2010-2013.

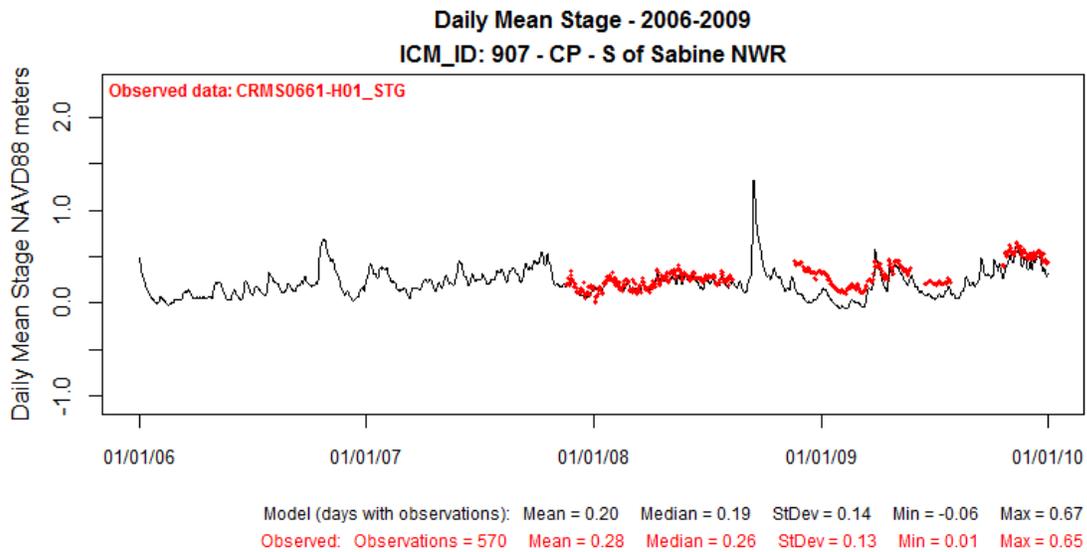


Figure 404: Modeled Stage at ICM Compartment 907 (solid black line) Compared to Observed Data at CRMS0661-H01 for Validation Period, 2006-2009.

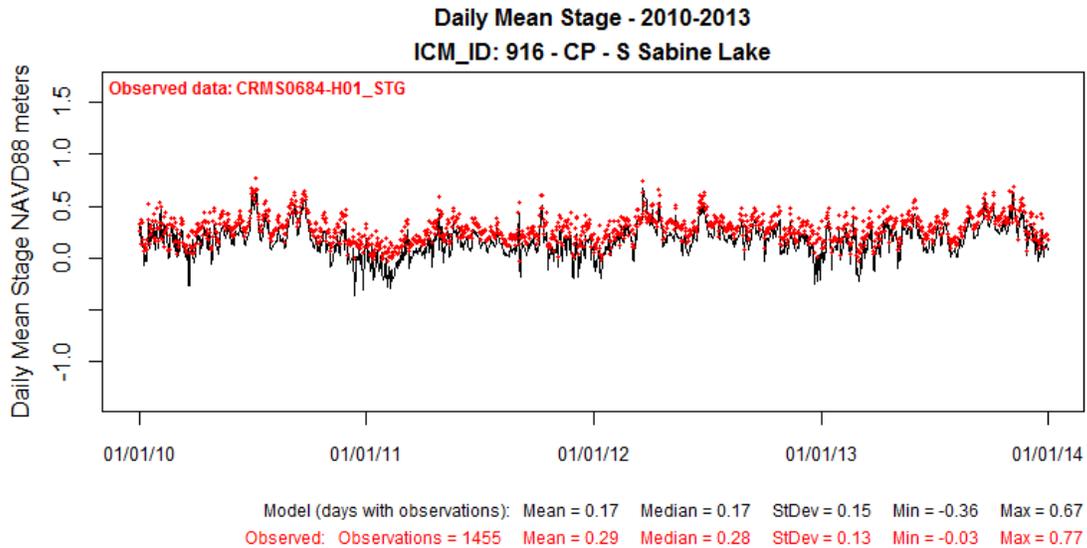


Figure 405: Modeled Stage at ICM Compartment 916 (solid black line) Compared to Observed Data at CRMS0684-H01 for Calibration Period, 2010-2013.

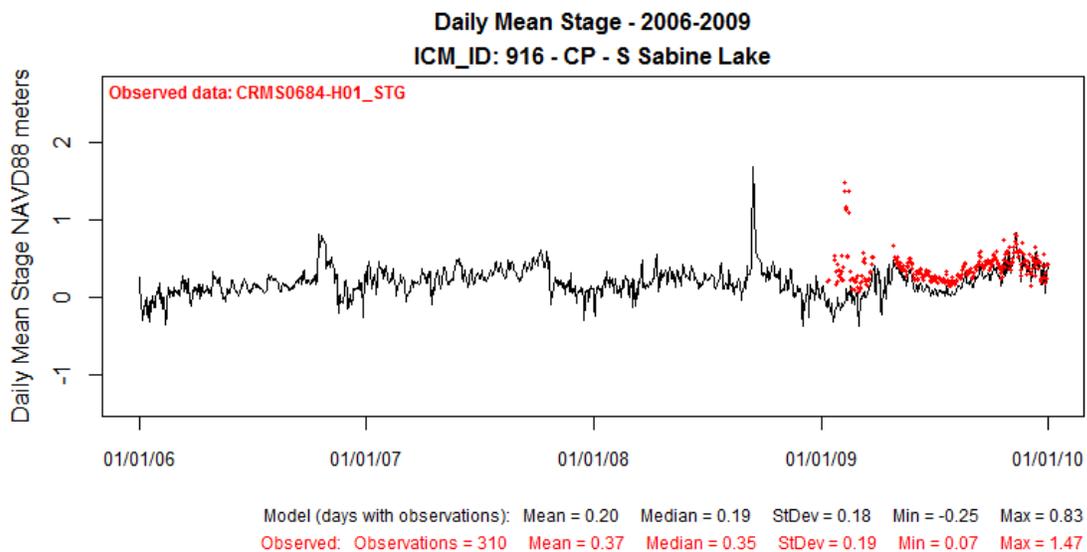


Figure 406: Modeled Stage at ICM Compartment 916 (solid black line) Compared to Observed Data at CRMS0684-H01 for Validation Period, 2006-2009.

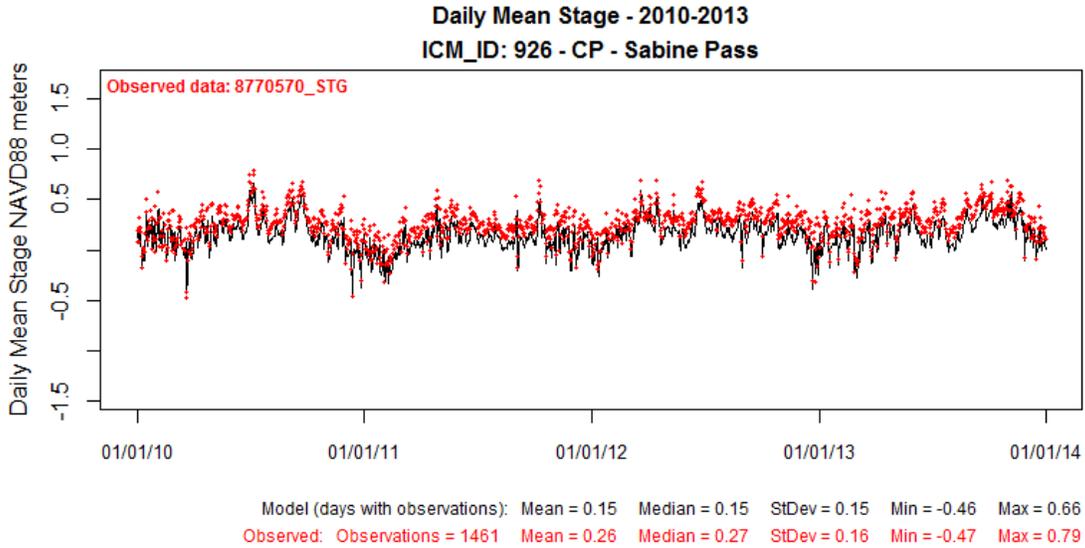


Figure 407: Modeled Stage at ICM Compartment 926 (solid black line) Compared to Observed Data at USGS8770570 for Calibration Period, 2010-2013.

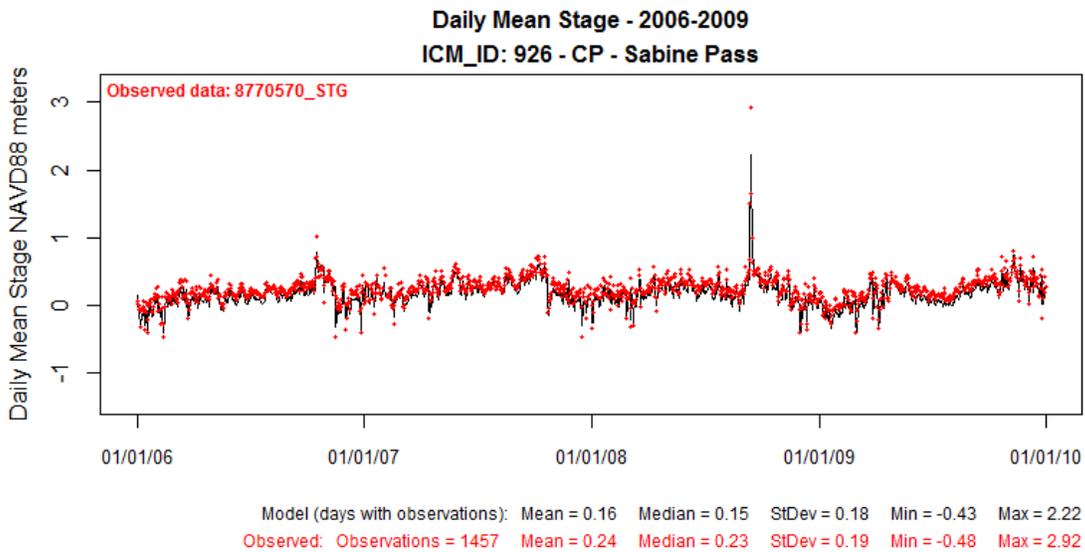


Figure 408: Modeled Stage at ICM Compartment 926 (solid black line) Compared to Observed Data at USGS8770570 for Validation Period, 2006-2009.